

## Result Analysis Report

**Sample Name:**

1A

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 May 2009 4:55:49 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 19 May 2009 4:55:50 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:**

17.90 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.996 %

**Result Emulation:**

Off

**Concentration:**

0.0749 %Vol

**Span :**

1.831

**Uniformity:**

0.522

**Result units:**

Volume

**Specific Surface Area:**

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

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

33.817  $\mu\text{m}$

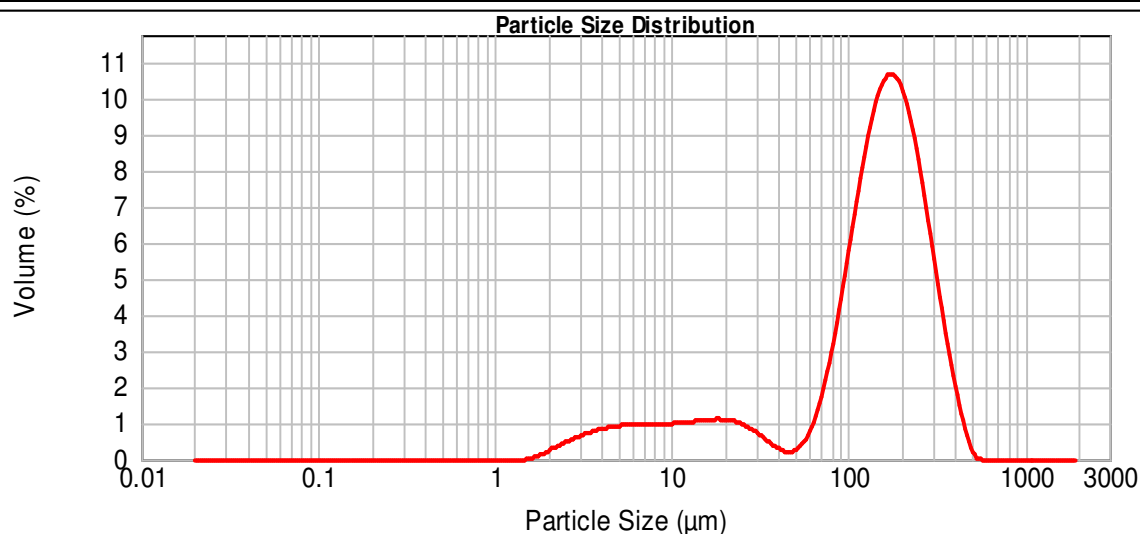
**Vol. Weighted Mean D[4,3]:**

156.155  $\mu\text{m}$

**d(0.1): 12.412  $\mu\text{m}$**

**d(0.5): 150.468  $\mu\text{m}$**

**d(0.9): 287.871  $\mu\text{m}$**



— 1A, Tuesday, 19 May 2009 4:55:49 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.19	37.000	0.34	105.000	8.74	300.000	4.61	840.000	0.00
0.060	0.00	2.000	2.50	44.000	0.30	125.000	11.02	350.000	2.92	1000.000	0.00
0.120	0.00	3.900	4.28	53.000	0.72	149.000	11.95	420.000	0.85	2000.000	0.00
0.240	0.00	7.800	4.64	63.000	1.68	177.000	11.67	500.000	0.01		
0.490	0.00	15.600	4.56	74.000	3.59	210.000	10.39	590.000	0.00		
0.700	0.00	31.000	0.64	88.000	6.16	250.000	8.25	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1Ar

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 May 2009 5:06:15 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 19 May 2009 5:06:17 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:**

19.83 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.902 %

**Result Emulation:**

Off

**Concentration:**

0.0856 %Vol

**Span :**

1.810

**Uniformity:**

0.512

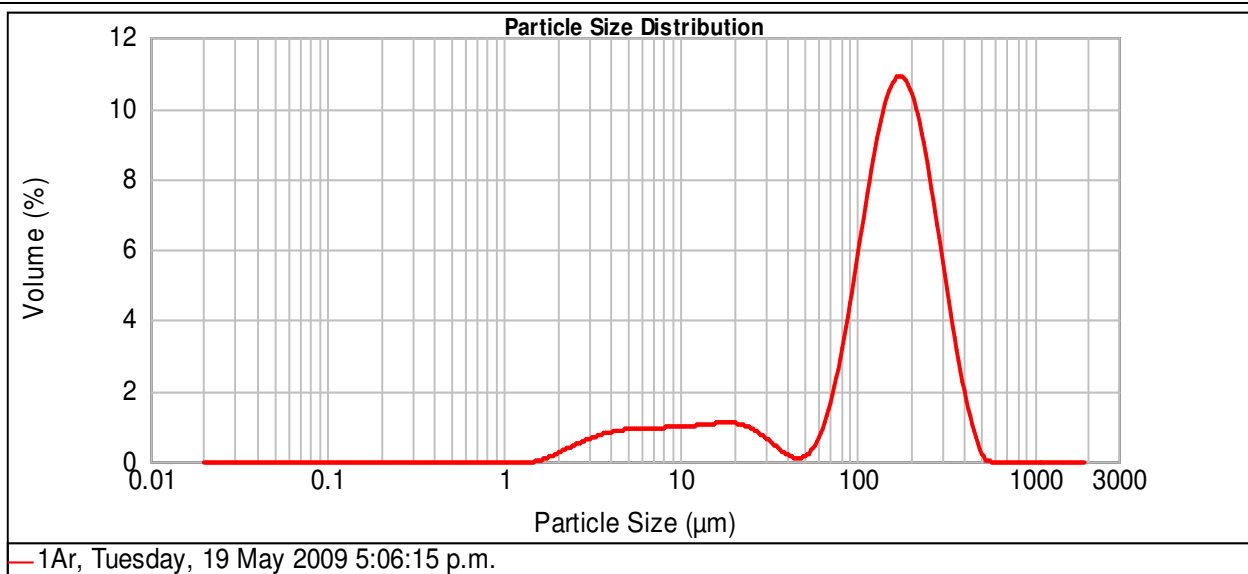
**Result units:**

Volume

**Specific Surface Area:**

0.174  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

34.491  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

157.488  $\mu\text{m}$ 
**d(0.1): 12.806  $\mu\text{m}$** 
**d(0.5): 151.837  $\mu\text{m}$** 
**d(0.9): 287.641  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.18
2.000	2.45
3.900	4.17
7.800	4.56
15.600	4.40
31.000	0.53
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.21
44.000	0.14
53.000	0.59
63.000	1.58
74.000	3.55
88.000	6.22
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	8.88
125.000	11.23
149.000	12.19
177.000	11.89
210.000	10.55
250.000	8.31
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	4.60
350.000	2.87
420.000	0.87
500.000	0.02
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1B

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 May 2009 5:13:05 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 19 May 2009 5:13:06 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:**

19.91 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.745 %

**Result Emulation:**

Off

**Concentration:**

0.0762 %Vol

**Span :**

2.179

**Uniformity:**

0.813

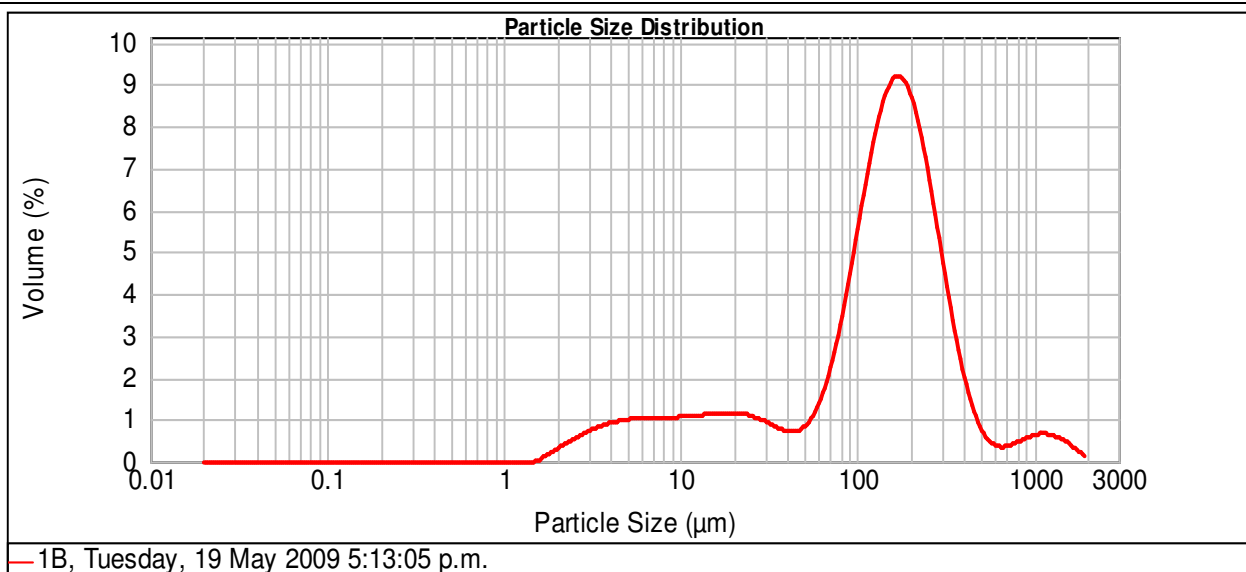
**Result units:**

Volume

**Specific Surface Area:**

0.194  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

30.915  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

187.293  $\mu\text{m}$ 
**d(0.1): 10.901  $\mu\text{m}$** 
**d(0.5): 145.030  $\mu\text{m}$** 
**d(0.9): 326.989  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.27	37.000	0.83	105.000	8.02	300.000	3.99	840.000	0.67
0.060	0.00	2.000	2.81	44.000	0.97	125.000	9.75	350.000	2.77	1000.000	2.24
0.120	0.00	3.900	4.59	53.000	1.39	149.000	10.33	420.000	1.28	2000.000	
0.240	0.00	7.800	4.92	63.000	2.20	177.000	9.93	500.000	0.56		
0.490	0.00	15.600	4.96	74.000	3.88	210.000	8.76	590.000	0.43		
0.700	0.00	31.000	0.97	88.000	6.00	250.000	6.96	710.000	0.49		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1Br

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 19 May 2009 5:20:19 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 19 May 2009 5:20:20 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:**

18.34 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.716 %

**Result Emulation:**

Off

**Concentration:**

0.0668 %Vol

**Span :**

2.125

**Uniformity:**

0.8

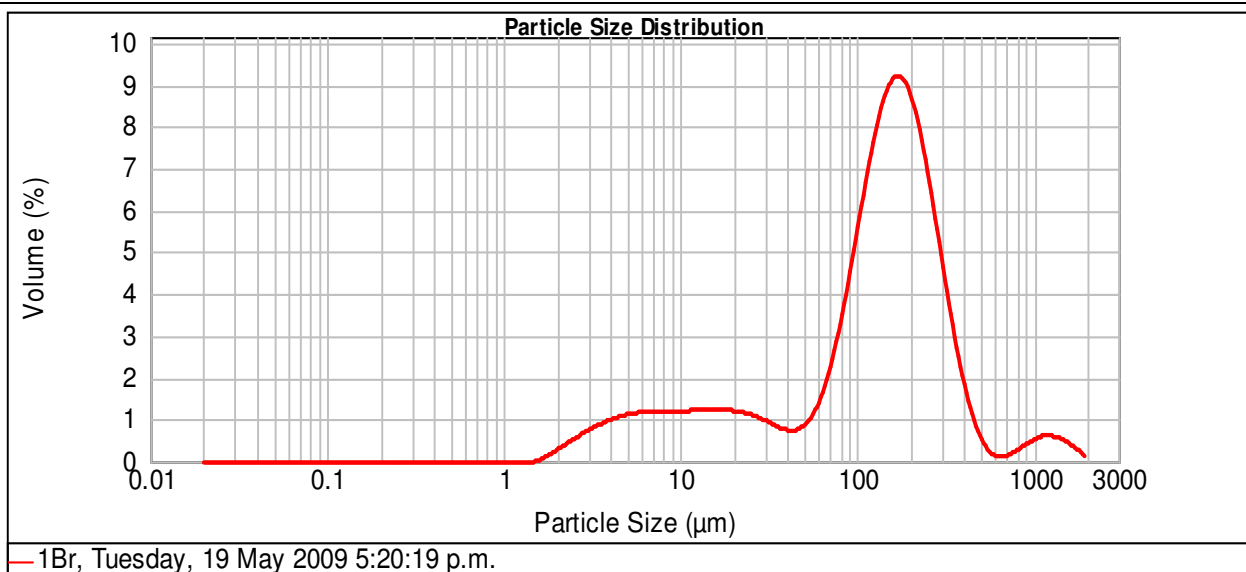
**Result units:**

Volume

**Specific Surface Area:**

0.204  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

29.441  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

178.065  $\mu\text{m}$ 
**d(0.1): 9.706  $\mu\text{m}$** 
**d(0.5): 140.805  $\mu\text{m}$** 
**d(0.9): 308.875  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.23	37.000	0.85	105.000	8.04	300.000	3.86	840.000	0.52
0.060	0.00	2.000	2.88	44.000	1.01	125.000	9.77	350.000	2.56	1000.000	2.18
0.120	0.00	3.900	5.16	53.000	1.43	149.000	10.34	420.000	1.03	2000.000	
0.240	0.00	7.800	5.52	63.000	2.24	177.000	9.92	500.000	0.30		
0.490	0.00	15.600	5.17	74.000	3.92	210.000	8.72	590.000	0.15		
0.700	0.00	31.000	1.00	88.000	6.04	250.000	6.87	710.000	0.27		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1C

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 1:51:08 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 1:51:09 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:**

18.34 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.519 %

**Result Emulation:**

Off

**Concentration:**

0.1524 %Vol

**Span :**

0.907

**Uniformity:**

0.299

**Result units:**

Volume

**Specific Surface Area:**

0.0906  $\text{m}^2/\text{g}$

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

66.245  $\mu\text{m}$

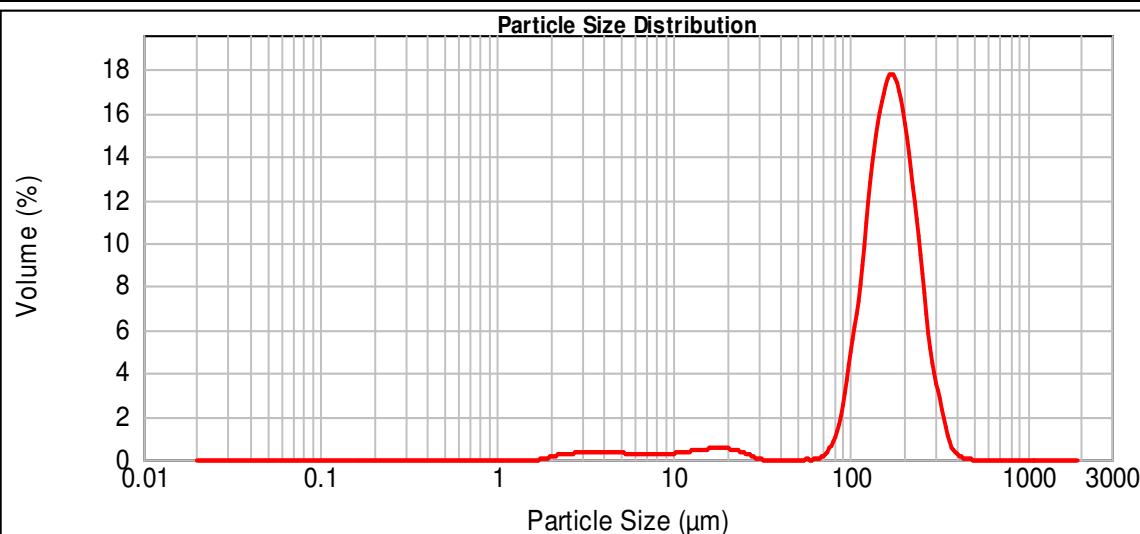
**Vol. Weighted Mean D[4,3]:**

167.361  $\mu\text{m}$

**d(0.1): 99.854  $\mu\text{m}$**

**d(0.5): 164.700  $\mu\text{m}$**

**d(0.9): 249.162  $\mu\text{m}$**



— 1C, Friday, 22 May 2009 1:51:08 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.04	37.000	0.00	105.000	9.92	300.000	2.41	840.000	0.00
0.060	0.00	2.000	1.24	44.000	0.00	125.000	16.77	350.000	0.45	1000.000	0.00
0.120	0.00	3.900	1.30	53.000	-0.00	149.000	19.84	420.000	0.03	2000.000	0.00
0.240	0.00	7.800	1.56	63.000	0.14	177.000	18.35	500.000	0.00		
0.490	0.00	15.600	1.66	74.000	1.17	210.000	13.41	590.000	0.00		
0.700	0.00	31.000	0.00	88.000	4.80	250.000	6.91	710.000	0.00		
0.980	0.00	37.000	0.00	105.000	0.00	300.000	0.00	840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1Cr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 1:58:36 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 1:58:37 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:**

17.26 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.681 %

**Result Emulation:**

Off

**Concentration:**

0.1438 %Vol

**Span :**

1.005

**Uniformity:**

0.328

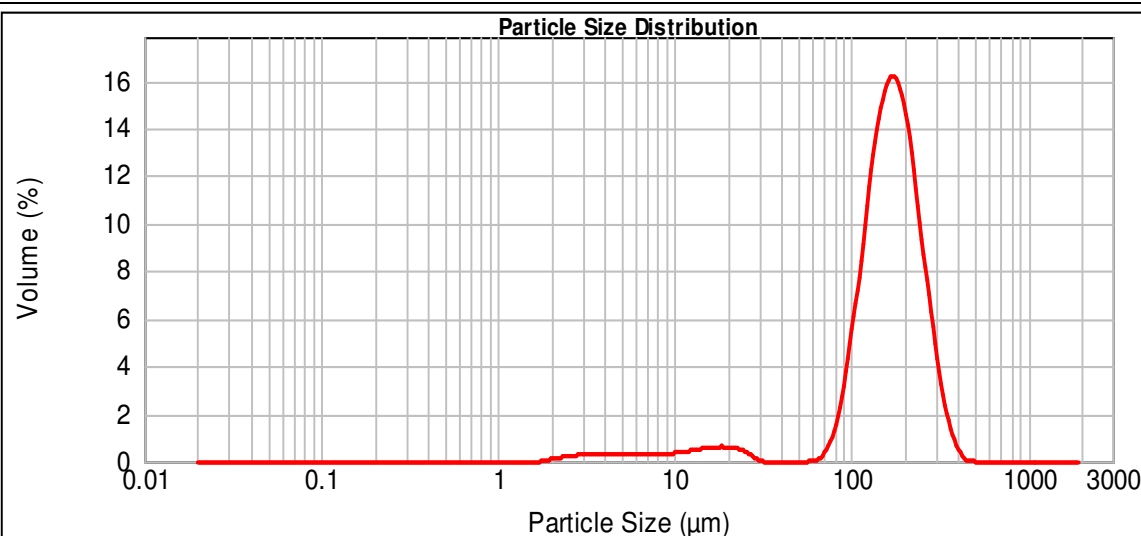
**Result units:**

Volume

**Specific Surface Area:**

0.0914  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

65.634  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

168.030  $\mu\text{m}$ 
**d(0.1): 94.042  $\mu\text{m}$** 
**d(0.5): 164.196  $\mu\text{m}$** 
**d(0.9): 259.055  $\mu\text{m}$** 


— 1Cr, Friday, 22 May 2009 1:58:36 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.04	37.000	0.00	105.000	10.16	300.000	2.88	840.000	0.00
0.060	0.00	2.000	1.11	44.000	0.00	125.000	15.73	350.000	0.97	1000.000	0.00
0.120	0.00	3.900	1.44	53.000	0.00	149.000	18.08	420.000	0.04	2000.000	0.00
0.240	0.00	7.800	1.88	63.000	0.28	177.000	17.01	500.000	0.00		
0.490	0.00	15.600	2.04	74.000	1.74	210.000	12.98	590.000	0.00		
0.700	0.00	31.000	0.00	88.000	5.50	250.000	8.12	710.000	0.00		
0.980	0.00	37.000	0.00	105.000	0.00	300.000	0.00	840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1D

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 2:12:06 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 2:12:07 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:**

19.73 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.795 %

**Result Emulation:**

Off

**Concentration:**

0.1090 %Vol

**Span :**

1.671

**Uniformity:**

0.468

**Result units:**

Volume

**Specific Surface Area:**

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

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

43.956  $\mu\text{m}$

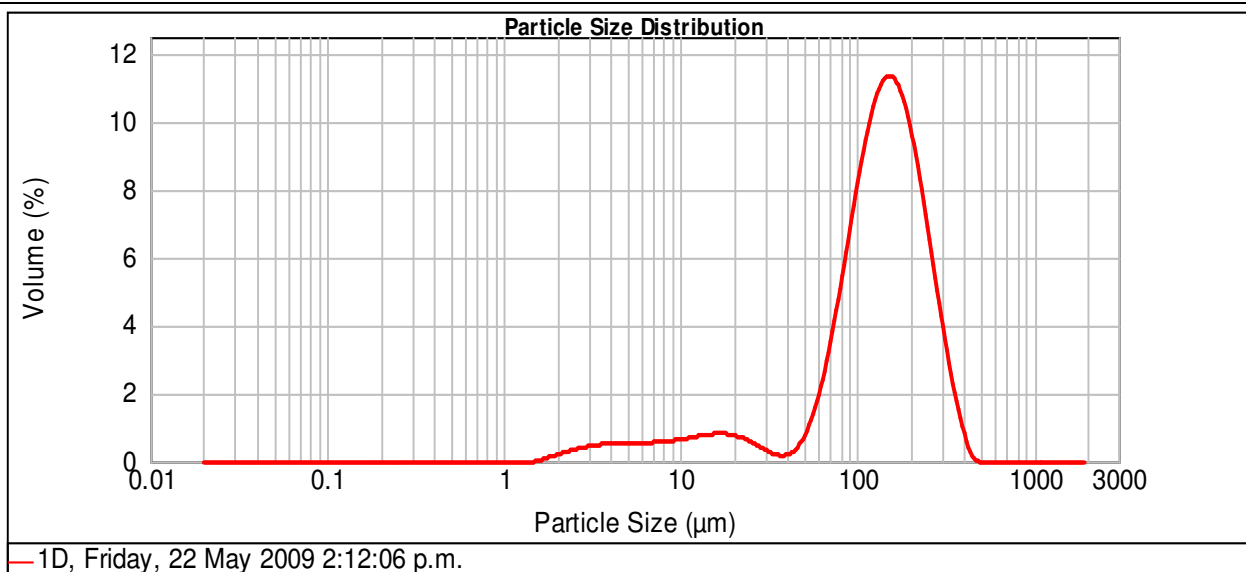
**Vol. Weighted Mean D[4,3]:**

144.762  $\mu\text{m}$

**d(0.1): 25.862  $\mu\text{m}$**

**d(0.5): 136.940  $\mu\text{m}$**

**d(0.9): 254.691  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.18
2.000	1.74
3.900	2.47
7.800	3.16
15.600	2.94
31.000	0.25
37.000	0.25

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.25
44.000	0.77
53.000	1.89
63.000	3.44
74.000	6.09
88.000	8.98
105.000	8.98

Size ( $\mu\text{m}$ )	Volume In %
105.000	11.27
125.000	12.81
149.000	12.63
177.000	11.24
210.000	9.07
250.000	6.36
300.000	6.36

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.00
350.000	1.38
420.000	0.07
500.000	0.00
590.000	0.00
710.000	0.00
840.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	0.00

**Operator notes:**

## Result Analysis Report

**Sample Name:**

1Dr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 2:25:21 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 2:25:22 p.m.

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

Edited

**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:**

17.79 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.744 %

**Result Emulation:**

Off

**Concentration:**

0.0935 %Vol

**Span :**

1.697

**Uniformity:**

0.475

**Result units:**

Volume

**Specific Surface Area:**

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

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

42.248  $\mu\text{m}$

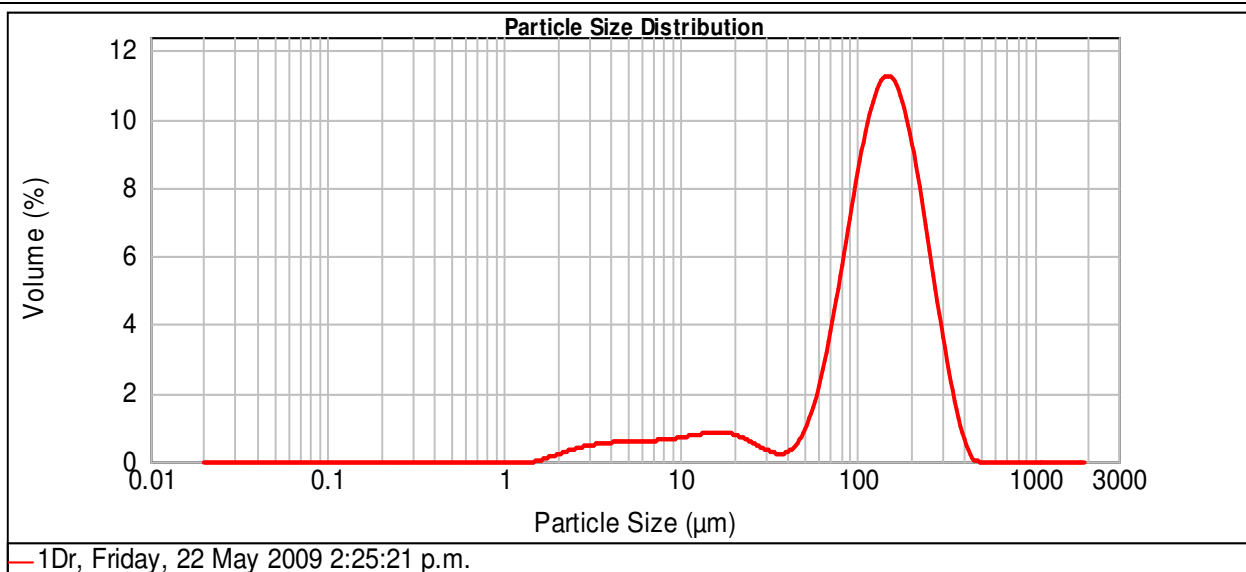
**Vol. Weighted Mean D[4,3]:**

140.709  $\mu\text{m}$

**d(0.1): 22.838  $\mu\text{m}$**

**d(0.5): 133.205  $\mu\text{m}$**

**d(0.9): 248.877  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.18
2.000	1.81
3.900	2.66
7.800	3.36
15.600	2.99
31.000	0.29
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.33
44.000	0.95
53.000	2.13
63.000	3.72
74.000	6.39
88.000	9.24
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	11.41
125.000	12.77
149.000	12.42
177.000	10.90
210.000	8.65
250.000	5.94
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	2.71
350.000	1.12
420.000	0.04
500.000	0.00
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**



## Result Analysis Report

**Sample Name:**

2A

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 2:38:51 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 2:38:52 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:**

18.09 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.544 %

**Result Emulation:**

Off

**Concentration:**

0.0229 %Vol

**Span :**

20.349

**Uniformity:**

6

**Result units:**

Volume

**Specific Surface Area:**

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

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

10.707  $\mu\text{m}$

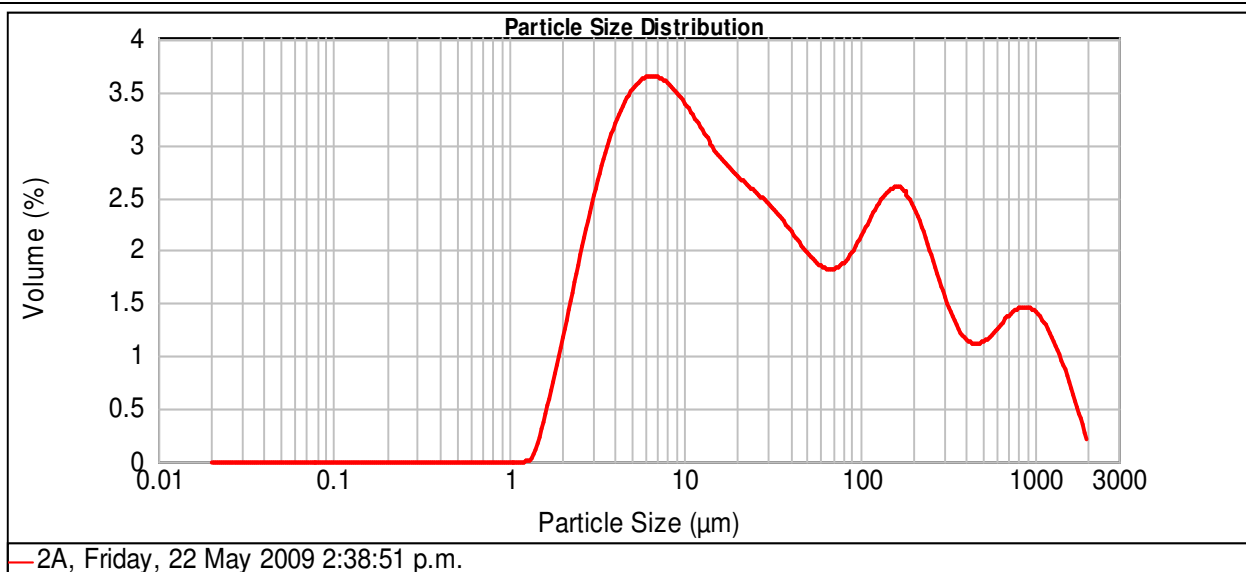
**Vol. Weighted Mean D[4,3]:**

158.764  $\mu\text{m}$

**d(0.1): 3.739  $\mu\text{m}$**

**d(0.5): 24.940  $\mu\text{m}$**

**d(0.9): 511.248  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	1.26	37.000	2.48	105.000	2.62	300.000	1.47	840.000	1.66
0.060	0.00	2.000	9.59	44.000	2.45	125.000	2.89	350.000	1.44	1000.000	4.08
0.120	0.00	3.900	15.95	53.000	2.11	149.000	2.92	420.000	1.27	2000.000	
0.240	0.00	7.800	14.83	63.000	1.91	177.000	2.79	500.000	1.26		
0.490	0.00	15.600	11.91	74.000	2.13	210.000	2.53	590.000	1.58		
0.700	0.00	31.000	2.72	88.000	2.38	250.000	2.17	710.000	1.58		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2Ar

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 2:48:17 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 2:48:18 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:**

19.20 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.584 %

**Result Emulation:**

Off

**Concentration:**

0.0217 %Vol

**Span :**

18.645

**Uniformity:**

6.56

**Result units:**

Volume

**Specific Surface Area:**

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

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

9.488  $\mu\text{m}$

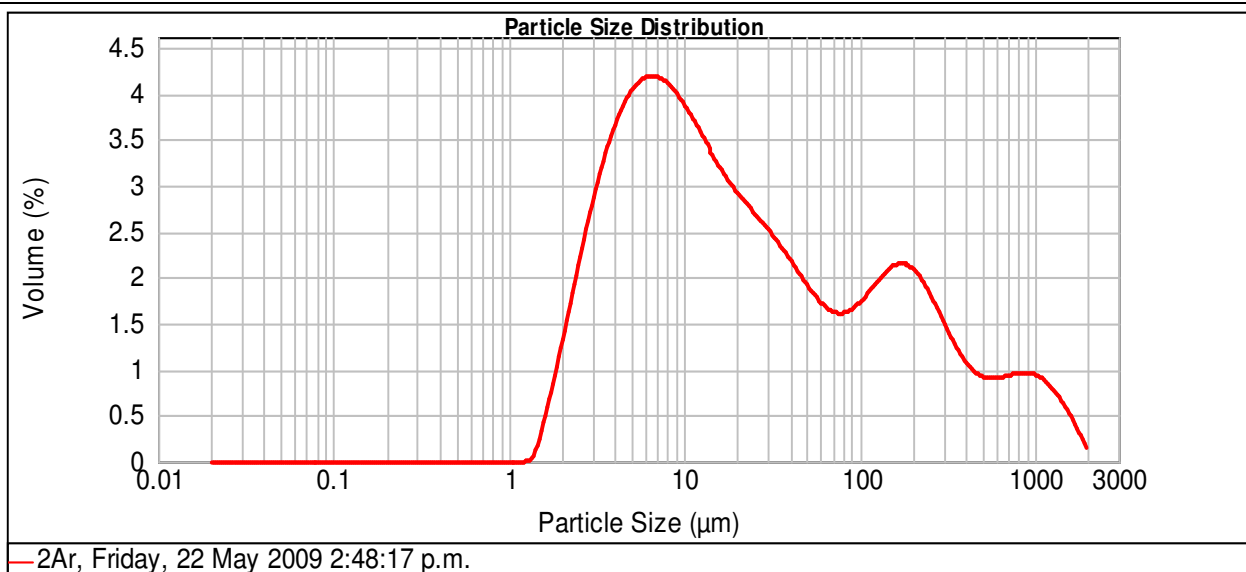
**Vol. Weighted Mean D[4,3]:**

122.477  $\mu\text{m}$

**d(0.1): 3.510  $\mu\text{m}$**

**d(0.5): 17.549  $\mu\text{m}$**

**d(0.9): 330.712  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	1.42	37.000	2.48	105.000	2.13	300.000	1.42	840.000	1.10
0.060	0.00	2.000	10.96	44.000	2.39	125.000	2.34	350.000	1.37	1000.000	2.79
0.120	0.00	3.900	18.32	53.000	1.99	149.000	2.42	420.000	1.11	2000.000	
0.240	0.00	7.800	16.86	63.000	1.73	177.000	2.38	500.000	0.98		
0.490	0.00	15.600	12.79	74.000	1.83	210.000	2.25	590.000	1.11		
0.700	0.00	31.000	2.78	88.000	1.97	250.000	2.03	710.000	1.05		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2B

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 3:33:58 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 3:33:59 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:**

18.60 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.643 %

**Result Emulation:**

Off

**Concentration:**

0.0375 %Vol

**Span :**

9.482

**Uniformity:**

2.66

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.894  $\mu\text{m}$

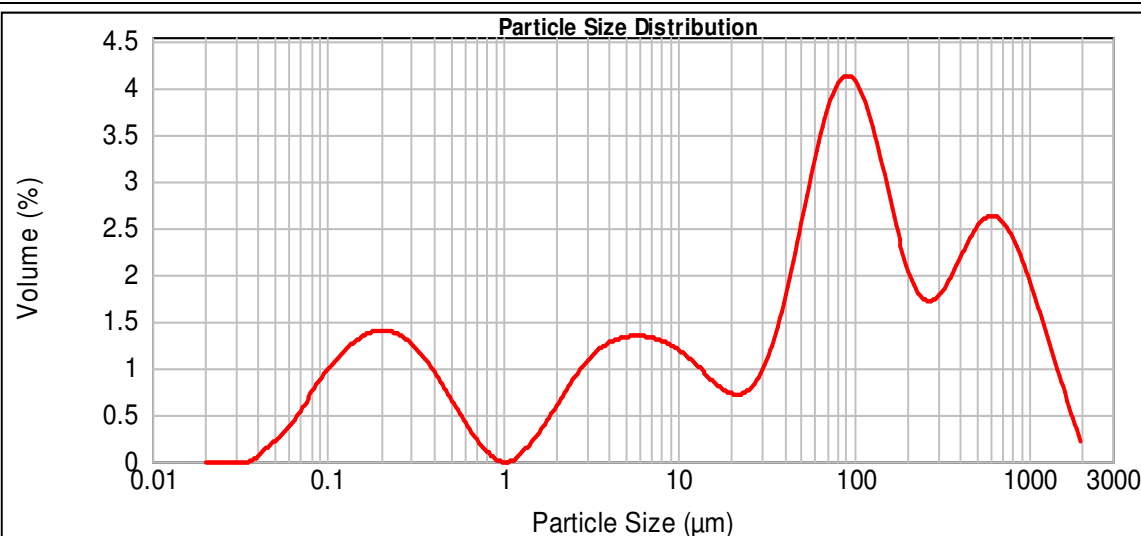
**Vol. Weighted Mean D[4,3]:**

216.496  $\mu\text{m}$

**d(0.1): 0.236  $\mu\text{m}$**

**d(0.5): 74.311  $\mu\text{m}$**

**d(0.9): 704.852  $\mu\text{m}$**



— 2B, Friday, 22 May 2009 3:33:58 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.35
0.060	0.35
0.120	3.51
0.240	6.04
0.490	5.19
0.700	1.08
0.980	0.20

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.92
2.000	4.22
3.900	5.99
7.800	5.05
15.600	3.55
31.000	1.39
37.000	1.39

Size ( $\mu\text{m}$ )	Volume In %
37.000	1.94
44.000	2.90
53.000	3.49
63.000	3.49
74.000	3.86
88.000	4.56
105.000	4.74

Size ( $\mu\text{m}$ )	Volume In %
105.000	4.39
125.000	3.85
149.000	3.10
177.000	2.47
210.000	2.10
250.000	2.05
300.000	2.05

Size ( $\mu\text{m}$ )	Volume In %
300.000	1.84
350.000	2.47
420.000	2.70
500.000	2.79
590.000	3.17
710.000	2.70
840.000	2.70

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.44
1000.000	4.73
2000.000	4.73

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2Br

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 3:44:04 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 3:44:05 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:**

19.98 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.557 %

**Result Emulation:**

Off

**Concentration:**

0.0428 %Vol

**Span :**

5.728

**Uniformity:**

1.75

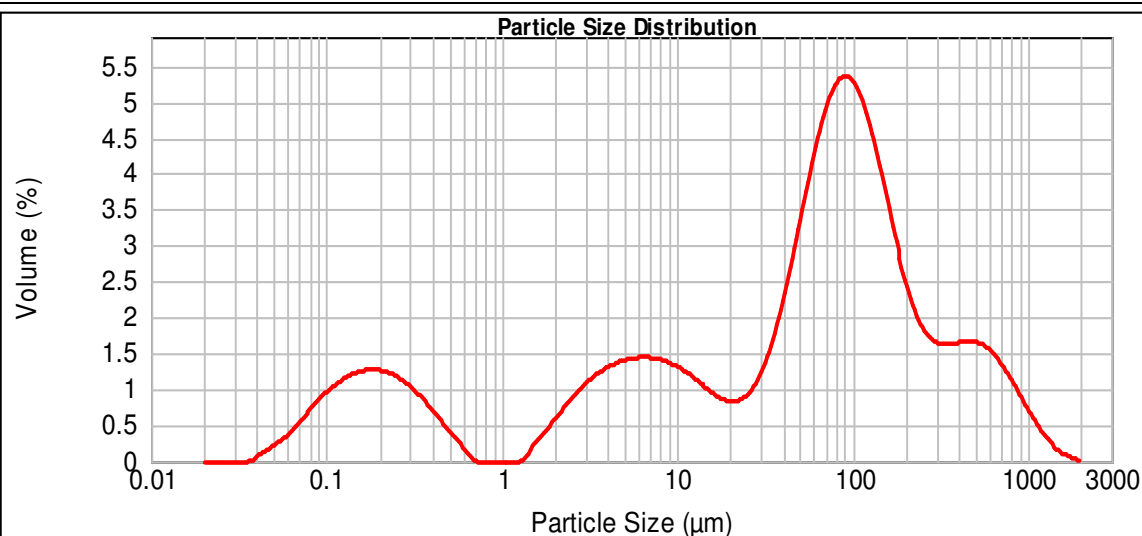
**Result units:**

Volume

**Specific Surface Area:**

6.34  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

0.946  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

135.505  $\mu\text{m}$ 
**d(0.1): 0.249  $\mu\text{m}$** 
**d(0.5): 66.595  $\mu\text{m}$** 
**d(0.9): 381.704  $\mu\text{m}$** 


— 2Br, Friday, 22 May 2009 3:44:04 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.36
0.060	3.50
0.120	5.60
0.240	4.11
0.490	0.49
0.700	0.00
0.980	

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.80
2.000	4.28
3.900	6.39
7.800	5.58
15.600	4.20
31.000	1.81
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	2.55
44.000	3.82
53.000	4.60
63.000	5.06
74.000	5.96
88.000	6.15
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	5.67
125.000	4.92
149.000	3.89
177.000	3.00
210.000	2.39
250.000	2.08
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	1.64
350.000	1.95
420.000	1.91
500.000	1.77
590.000	1.79
710.000	1.33
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	1.01
1000.000	1.17
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2C

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 3:55:52 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 3:55:53 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  $\mu$ m

**Obscuration:**

17.58 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.542 %

**Result Emulation:**

Off

**Concentration:**

0.1347 %Vol

**Span :**

1.107

**Uniformity:**

0.361

**Result units:**

Volume

**Specific Surface Area:**

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

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

59.913  $\mu$ m

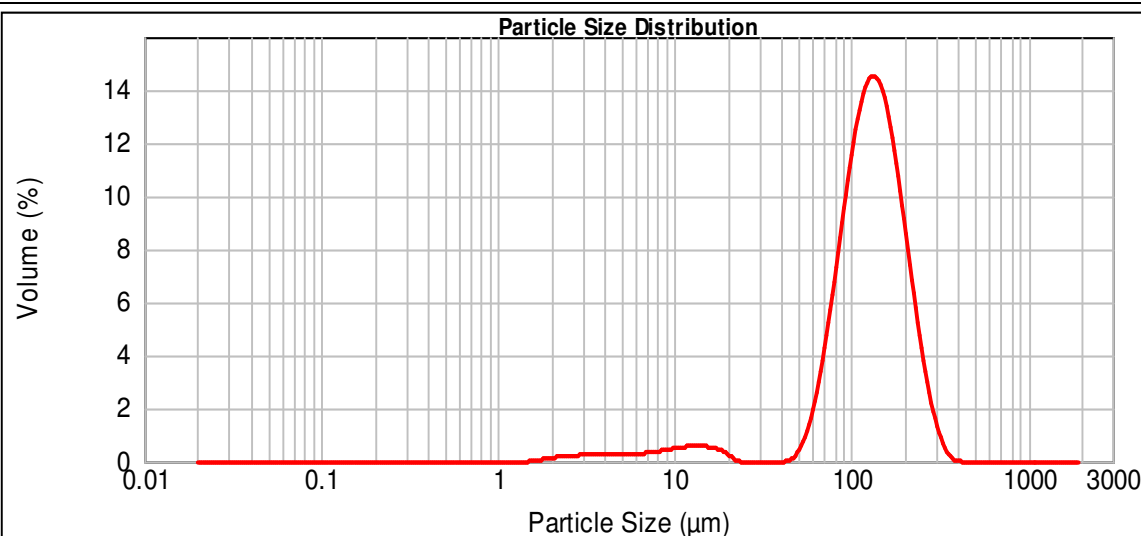
**Vol. Weighted Mean D[4,3]:**

133.329  $\mu$ m

**d(0.1): 70.169  $\mu$ m**

**d(0.5): 127.577  $\mu$ m**

**d(0.9): 211.406  $\mu$ m**



— 2C, Friday, 22 May 2009 3:55:52 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.12	37.000	0.00	105.000	15.64	300.000	0.73	840.000	0.00
0.060	0.00	2.000	0.97	44.000	0.34	125.000	16.58	350.000	0.06	1000.000	0.00
0.120	0.00	3.900	1.30	53.000	1.74	149.000	14.41	420.000	0.00	2000.000	0.00
0.240	0.00	7.800	2.34	63.000	4.07	177.000	10.61	500.000	0.00		
0.490	0.00	15.600	0.82	74.000	8.13	210.000	6.52	590.000	0.00		
0.700	0.00	31.000	0.00	88.000	12.61	250.000	3.03	710.000	0.00		
0.980	0.00	37.000	0.00	105.000	0.00	300.000	0.00	840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2Cr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 4:10:10 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 4:10:11 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:**

19.80 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.495 %

**Result Emulation:**

Off

**Concentration:**

0.1592 %Vol

**Span :**

1.101

**Uniformity:**

0.359

**Result units:**

Volume

**Specific Surface Area:**

0.0966  $\text{m}^2/\text{g}$

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

62.105  $\mu\text{m}$

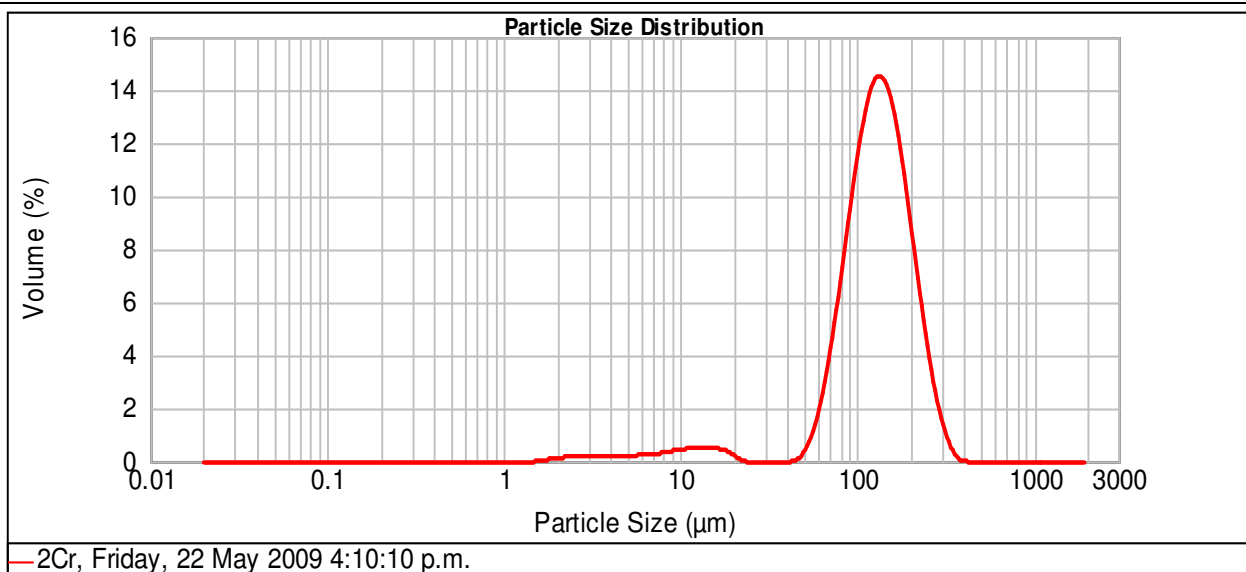
**Vol. Weighted Mean D[4,3]:**

134.189  $\mu\text{m}$

**d(0.1): 71.190  $\mu\text{m}$**

**d(0.5): 128.118  $\mu\text{m}$**

**d(0.9): 212.223  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.12
2.000	0.92
3.900	1.15
7.800	2.15
15.600	0.75
31.000	0.00
37.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.00
44.000	0.35
53.000	1.75
63.000	4.08
74.000	8.13
88.000	12.61
105.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
105.000	15.65
125.000	16.63
149.000	14.48
177.000	10.70
210.000	6.61
250.000	3.09
300.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
300.000	0.76
350.000	0.06
420.000	0.00
500.000	0.00
590.000	0.00
710.000	0.00
840.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	0.00

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2D

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 4:20:36 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 4:20:38 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:**

19.69 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.630 %

**Result Emulation:**

Off

**Concentration:**

0.0584 %Vol

**Span :**

2.570

**Uniformity:**

1.04

**Result units:**

Volume

**Specific Surface Area:**

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

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

24.663  $\mu\text{m}$

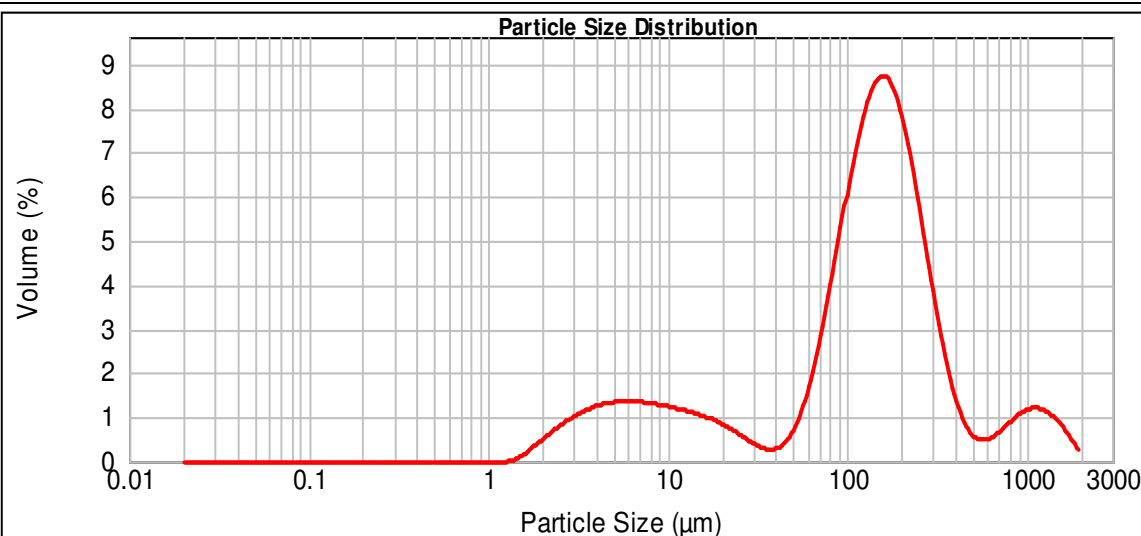
**Vol. Weighted Mean D[4,3]:**

208.454  $\mu\text{m}$

**d(0.1): 7.268  $\mu\text{m}$**

**d(0.5): 138.799  $\mu\text{m}$**

**d(0.9): 364.022  $\mu\text{m}$**



— 2D, Friday, 22 May 2009 4:20:36 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.58	37.000	0.34	105.000	8.36	300.000	3.16	840.000	1.25
0.060	0.00	2.000	3.98	44.000	0.72	125.000	9.68	350.000	2.10	1000.000	4.09
0.120	0.00	3.900	6.06	53.000	1.50	149.000	9.80	420.000	0.97	2000.000	
0.240	0.00	7.800	5.45	63.000	2.58	177.000	9.02	500.000	0.56		
0.490	0.00	15.600	3.32	74.000	4.48	210.000	7.64	590.000	0.70		
0.700	0.00	31.000	0.36	88.000	6.60	250.000	5.80	710.000	0.92		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

2Dr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 22 May 2009 4:36:17 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 22 May 2009 4:36:18 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:**

19.04 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.776 %

**Result Emulation:**

Off

**Concentration:**

0.0554 %Vol

**Span :**

6.294

**Uniformity:**

1.56

**Result units:**

Volume

**Specific Surface Area:**

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

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

24.467  $\mu\text{m}$

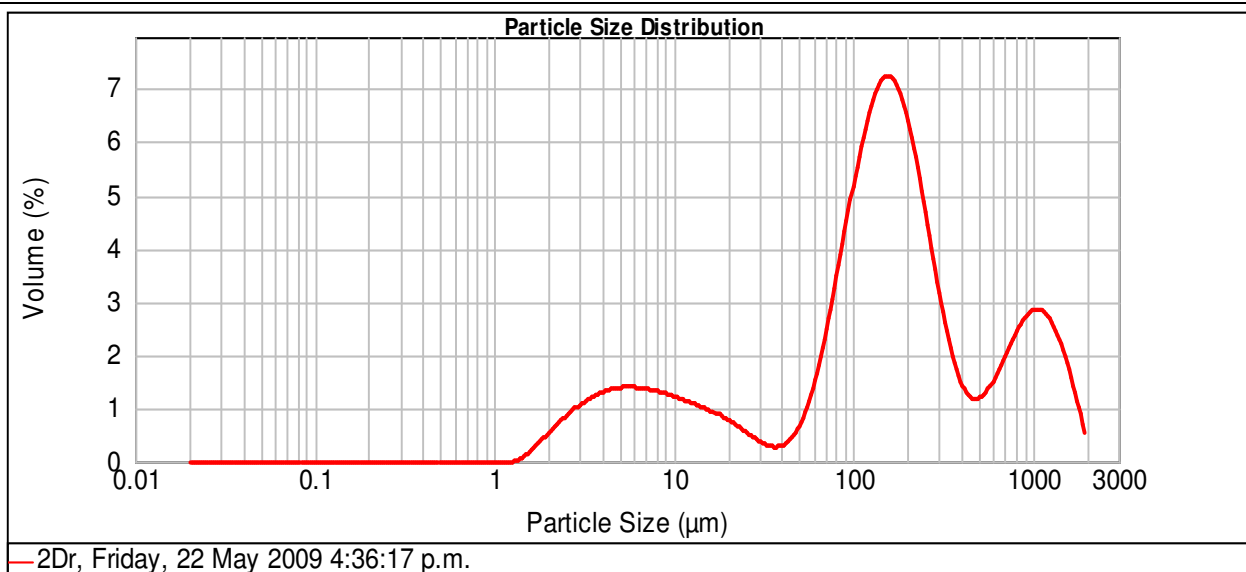
**Vol. Weighted Mean D[4,3]:**

304.349  $\mu\text{m}$

**d(0.1): 6.966  $\mu\text{m}$**

**d(0.5): 152.184  $\mu\text{m}$**

**d(0.9): 964.786  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.62	37.000	0.35	105.000	7.04	300.000	2.66	840.000	3.13
0.060	0.00	2.000	4.16	44.000	0.70	125.000	8.08	350.000	1.99	1000.000	9.33
0.120	0.00	3.900	6.21	53.000	1.36	149.000	8.11	420.000	1.37	2000.000	
0.240	0.00	7.800	5.31	63.000	2.28	177.000	7.42	500.000	1.38		
0.490	0.00	15.600	3.05	74.000	3.87	210.000	6.24	590.000	2.10		
0.700	0.00	31.000	0.35	88.000	5.62	250.000	4.74	710.000	2.55		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**

3A

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 4:15:37 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 4:15:39 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:**

19.65 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.732 %

**Result Emulation:**

Off

**Concentration:**

0.0425 %Vol

**Span :**

5.102

**Uniformity:**

1.45

**Result units:**

Volume

**Specific Surface Area:**

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

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

18.245  $\mu\text{m}$

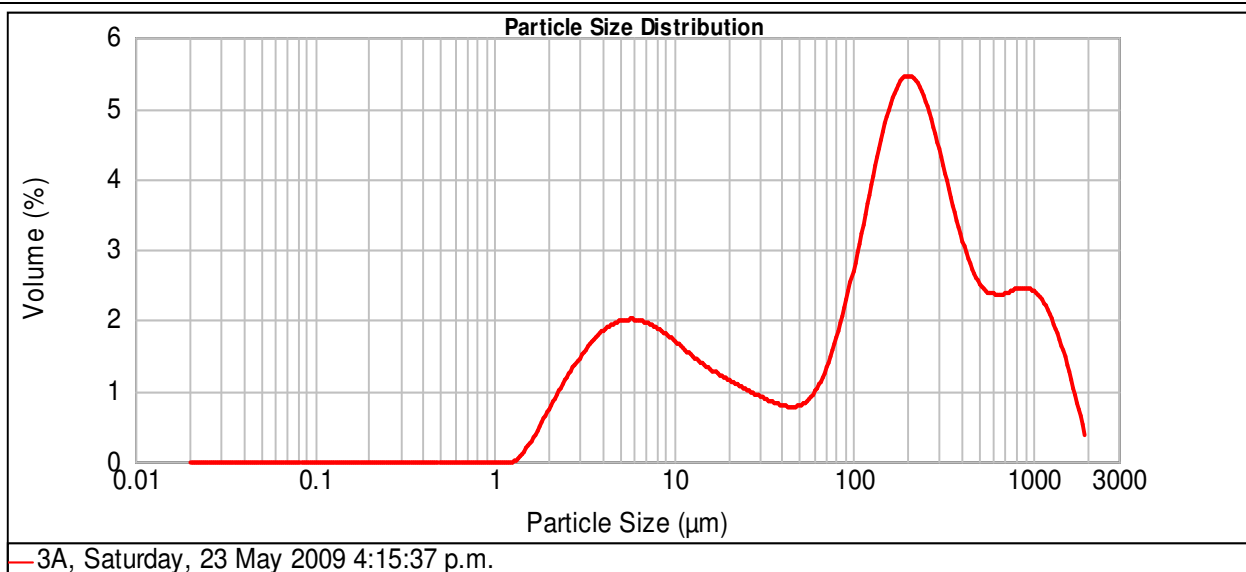
**Vol. Weighted Mean D[4,3]:**

290.546  $\mu\text{m}$

**d(0.1): 5.086  $\mu\text{m}$**

**d(0.5): 164.084  $\mu\text{m}$**

**d(0.9): 842.208  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.87	37.000	0.90	105.000	3.93	300.000	4.13	840.000	2.80
0.060	0.00	2.000	5.79	44.000	0.95	125.000	5.03	350.000	4.01	1000.000	7.24
0.120	0.00	3.900	8.90	53.000	1.02	149.000	5.74	420.000	3.14	2000.000	
0.240	0.00	7.800	7.38	63.000	1.27	177.000	6.08	500.000	2.64		
0.490	0.00	15.600	4.96	74.000	1.96	210.000	6.08	590.000	2.86		
0.700	0.00	31.000	1.00	88.000	2.90	250.000	5.74	710.000	2.67		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3Ar

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 4:31:58 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 4:31:59 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:**

19.78 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.654 %

**Result Emulation:**

Off

**Concentration:**

0.0454 %Vol

**Span :**

5.102

**Uniformity:**

1.43

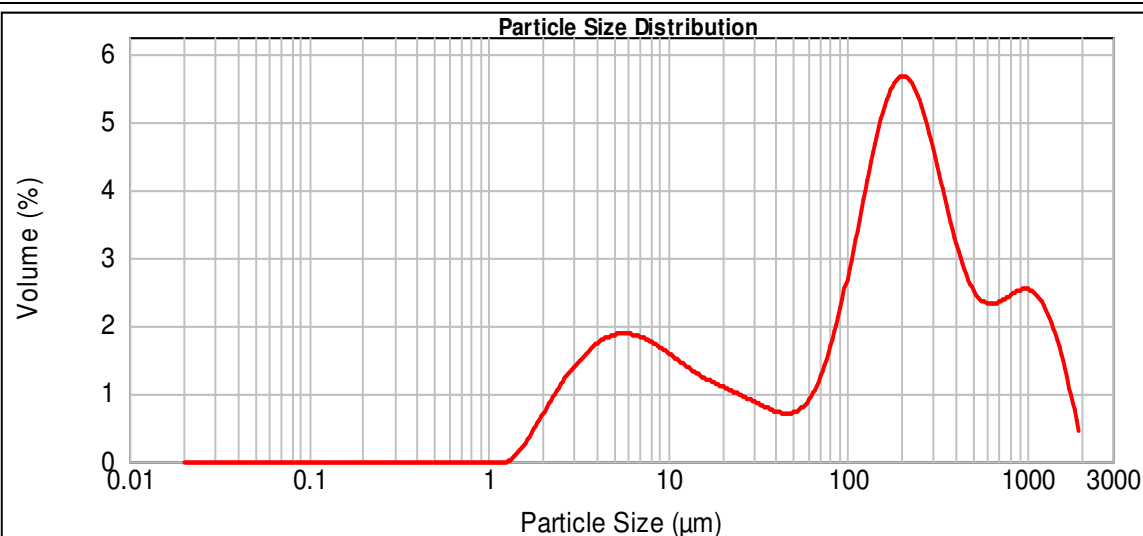
**Result units:**

Volume

**Specific Surface Area:**

0.31  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

19.336  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

304.949  $\mu\text{m}$ 
**d(0.1): 5.337  $\mu\text{m}$** 
**d(0.5): 173.188  $\mu\text{m}$** 
**d(0.9): 888.911  $\mu\text{m}$** 


— 3Ar, Saturday, 23 May 2009 4:31:58 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.82
2.000	5.45
3.900	8.33
7.800	6.89
15.600	4.72
31.000	0.94
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.83
44.000	0.86
53.000	0.93
63.000	1.18
74.000	1.89
88.000	2.88
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	3.98
125.000	5.15
149.000	5.93
177.000	6.31
210.000	6.33
250.000	5.98
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	4.29
350.000	4.13
420.000	3.18
500.000	2.61
590.000	2.81
710.000	2.66
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.88
1000.000	8.05
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3B

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 4:41:34 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 4:41:36 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  $\mu$ m

**Obscuration:**

17.78 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.448 %

**Result Emulation:**

Off

**Concentration:**

0.0606 %Vol

**Span :**

2.293

**Uniformity:**

0.918

**Result units:**

Volume

**Specific Surface Area:**

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

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

27.873  $\mu$ m

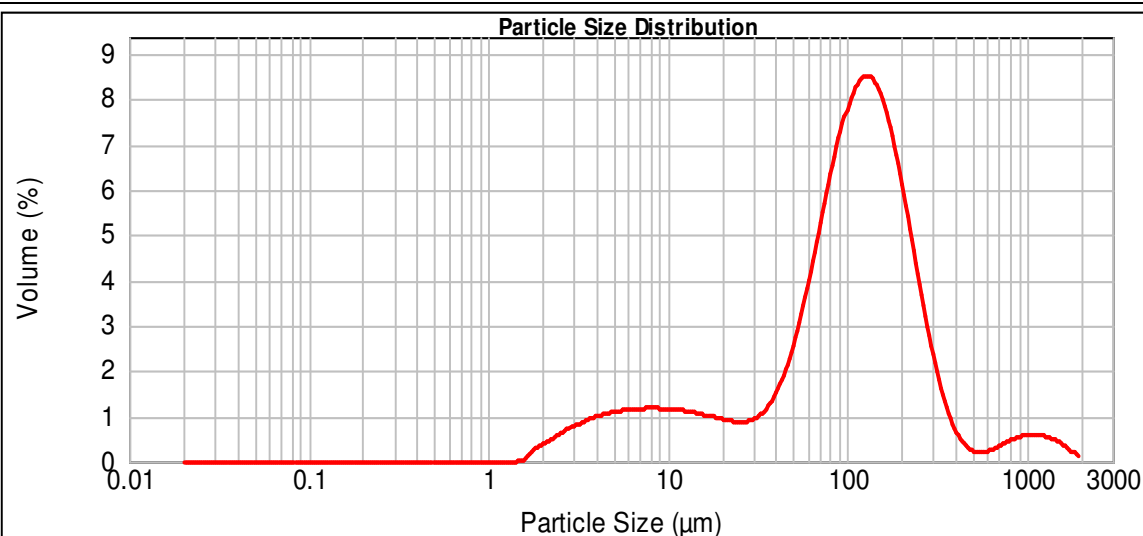
**Vol. Weighted Mean D[4,3]:**

151.043  $\mu$ m

**d(0.1): 9.614  $\mu$ m**

**d(0.5): 107.969  $\mu$ m**

**d(0.9): 257.215  $\mu$ m**



— 3B, Saturday, 23 May 2009 4:41:34 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.33	37.000	1.74	105.000	9.53	300.000	1.83	840.000	0.63
0.060	0.00	2.000	3.05	44.000	2.85	125.000	9.70	350.000	1.06	1000.000	1.98
0.120	0.00	3.900	5.02	53.000	3.98	149.000	8.74	420.000	0.40	2000.000	
0.240	0.00	7.800	5.14	63.000	5.12	177.000	7.25	500.000	0.22		
0.490	0.00	15.600	4.17	74.000	7.12	210.000	5.54	590.000	0.34		
0.700	0.00	31.000	1.26	88.000	8.74	250.000	3.77	710.000	0.48		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3Br

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 4:51:54 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 4:51:55 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:**

19.44 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.483 %

**Result Emulation:**

Off

**Concentration:**

0.0809 %Vol

**Span :**

2.423

**Uniformity:**

1.04

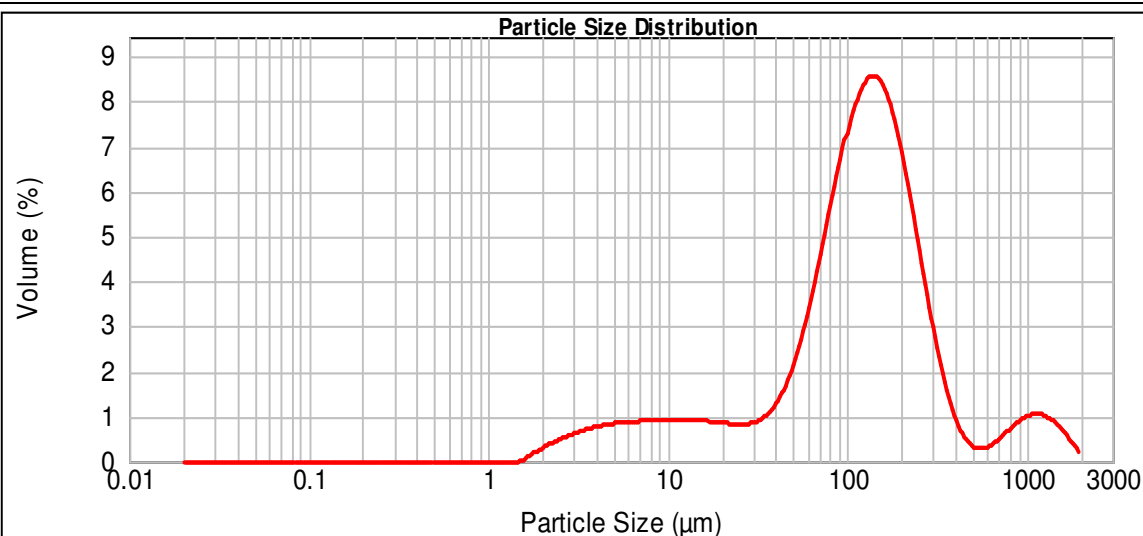
**Result units:**

Volume

**Specific Surface Area:**

0.179  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

33.490  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

188.702  $\mu\text{m}$ 
**d(0.1): 13.815  $\mu\text{m}$** 
**d(0.5): 122.299  $\mu\text{m}$** 
**d(0.9): 310.152  $\mu\text{m}$** 


— 3Br, Saturday, 23 May 2009 4:51:54 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.26	37.000	1.48	105.000	9.26	300.000	2.38	840.000	1.05
0.060	0.00	2.000	2.44	44.000	2.39	125.000	9.83	350.000	1.45	1000.000	3.61
0.120	0.00	3.900	3.88	53.000	3.36	149.000	9.26	420.000	0.58	2000.000	
0.240	0.00	7.800	4.15	63.000	4.45	177.000	8.03	500.000	0.32		
0.490	0.00	15.600	3.86	74.000	6.39	210.000	6.44	590.000	0.49		
0.700	0.00	31.000	1.13	88.000	8.15	250.000	4.62	710.000	0.74		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3C

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 5:01:52 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 5:01:54 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:**

19.95 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.882 %

**Result Emulation:**

Off

**Concentration:**

0.0487 %Vol

**Span :**

4.711

**Uniformity:**

1.43

**Result units:**

Volume

**Specific Surface Area:**

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

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

20.526  $\mu\text{m}$

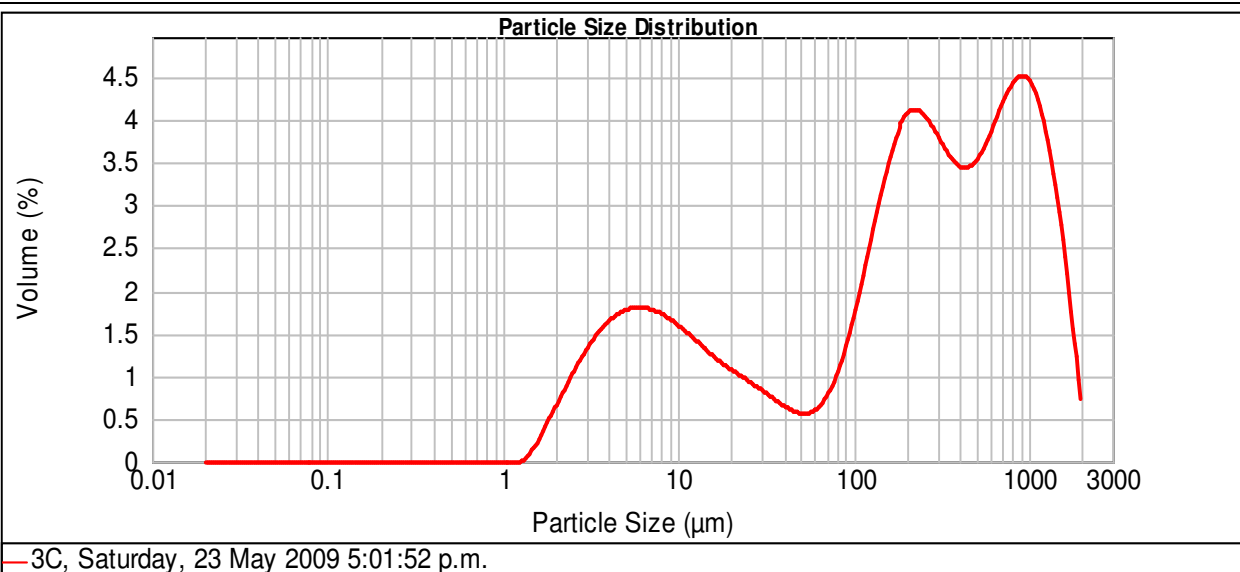
**Vol. Weighted Mean D[4,3]:**

416.358  $\mu\text{m}$

**d(0.1): 5.599  $\mu\text{m}$**

**d(0.5): 238.575  $\mu\text{m}$**

**d(0.9): 1129.638  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.77	37.000	0.74	105.000	2.57	300.000	3.74	840.000	5.14
0.060	0.00	2.000	5.13	44.000	0.70	125.000	3.42	350.000	4.16	1000.000	13.48
0.120	0.00	3.900	7.97	53.000	0.66	149.000	4.06	420.000	3.93	2000.000	
0.240	0.00	7.800	6.83	63.000	0.77	177.000	4.47	500.000	3.94		
0.490	0.00	15.600	4.62	74.000	1.18	210.000	4.69	590.000	4.84		
0.700	0.00	31.000	0.88	88.000	1.81	250.000	4.73	710.000	4.79		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3Cr

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 5:10:03 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 5:10:04 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:**

19.49 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.806 %

**Result Emulation:**

Off

**Concentration:**

0.0290 %Vol

**Span :**

42.736

**Uniformity:**

12.2

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.603  $\mu\text{m}$

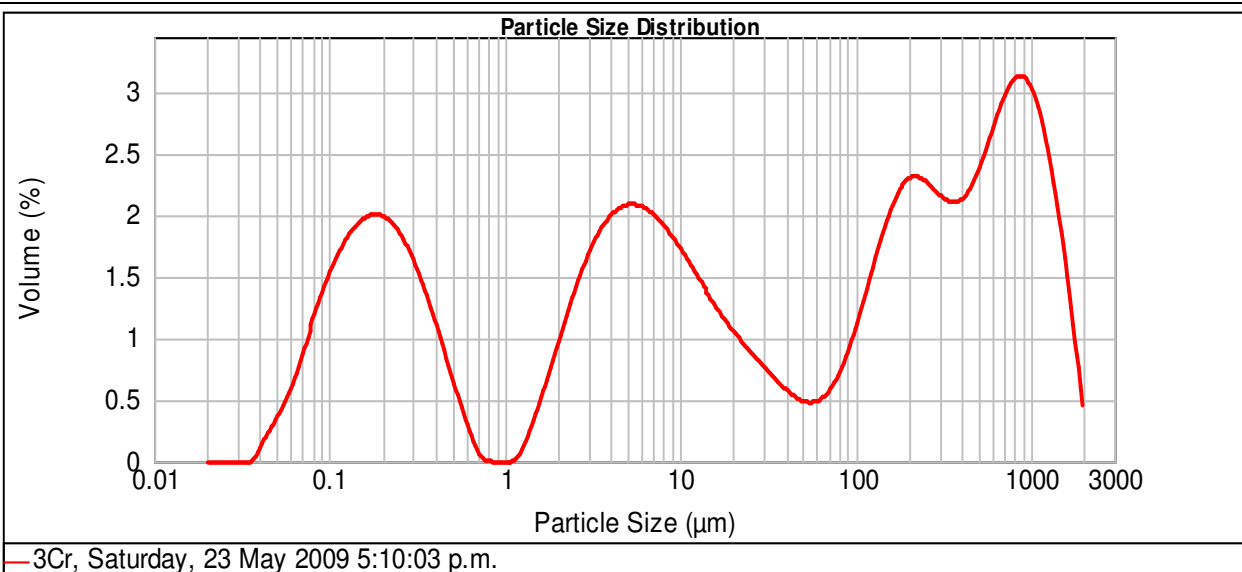
**Vol. Weighted Mean D[4,3]:**

273.100  $\mu\text{m}$

**d(0.1): 0.160  $\mu\text{m}$**

**d(0.5): 22.031  $\mu\text{m}$**

**d(0.9): 941.672  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.57	0.980	1.49	37.000	0.66	105.000	1.59	300.000	2.15	840.000	3.55
0.060	5.53	2.000	6.70	44.000	0.61	125.000	2.04	350.000	2.52	1000.000	8.79
0.120	8.81	3.900	9.26	53.000	0.55	149.000	2.36	420.000	2.55	2000.000	
0.240	6.46	7.800	7.35	63.000	0.58	177.000	2.54	500.000	2.70		
0.490	0.87	15.600	4.50	74.000	0.82	210.000	2.63	590.000	3.41		
0.700	0.02	31.000	0.80	88.000	1.18	250.000	2.66	710.000	3.38		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3D

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 5:19:28 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 5:19:29 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:**

18.13 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.024 %

**Result Emulation:**

Off

**Concentration:**

0.0576 %Vol

**Span :**

3.517

**Uniformity:**

1.1

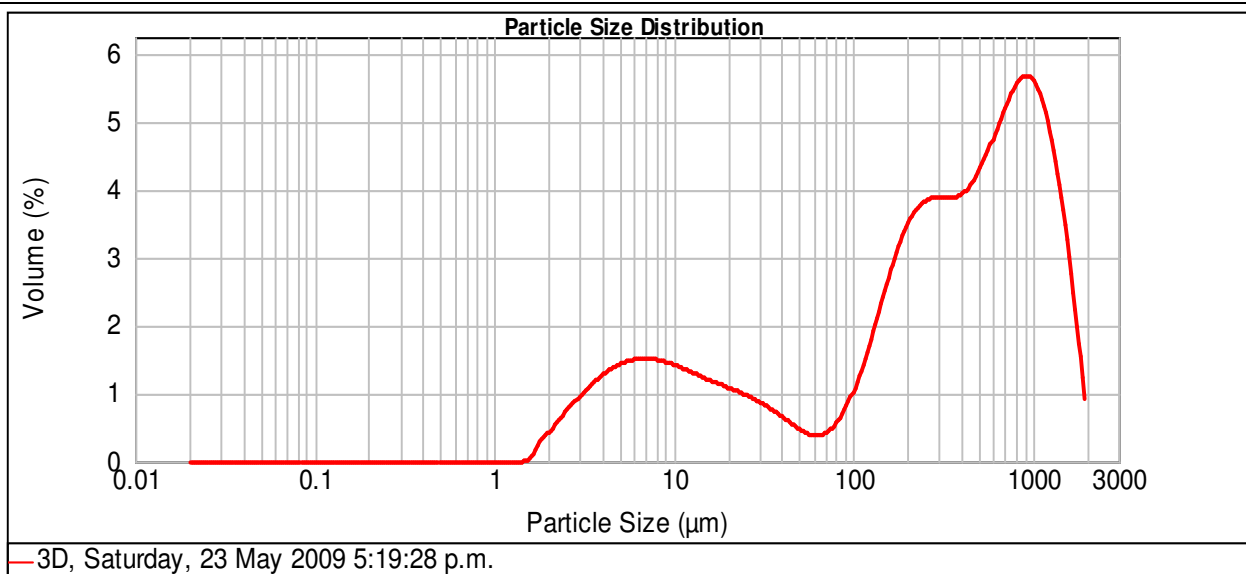
**Result units:**

Volume

**Specific Surface Area:**

0.226  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

26.491  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

495.053  $\mu\text{m}$ 
**d(0.1): 7.296  $\mu\text{m}$** 
**d(0.5): 344.907  $\mu\text{m}$** 
**d(0.9): 1220.174  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.37	37.000	0.74	105.000	1.69	300.000	3.91	840.000	6.46
0.060	0.00	2.000	3.74	44.000	0.61	125.000	2.49	350.000	4.65	1000.000	16.97
0.120	0.00	3.900	6.54	53.000	0.45	149.000	3.21	420.000	4.66	2000.000	
0.240	0.00	7.800	6.23	63.000	0.42	177.000	3.80	500.000	4.83		
0.490	0.00	15.600	4.66	74.000	0.63	210.000	4.26	590.000	6.04		
0.700	0.00	31.000	0.91	88.000	1.07	250.000	4.61	710.000	6.02		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

3Dr

**SOP Name:**

Marine Sediment

**Measured:**

Saturday, 23 May 2009 5:31:08 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Saturday, 23 May 2009 5:31:09 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:**

19.69 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.207 %

**Result Emulation:**

Off

**Concentration:**

0.0563 %Vol

**Span :**

3.832

**Uniformity:**

1.22

**Result units:**

Volume

**Specific Surface Area:**

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

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

23.375  $\mu\text{m}$

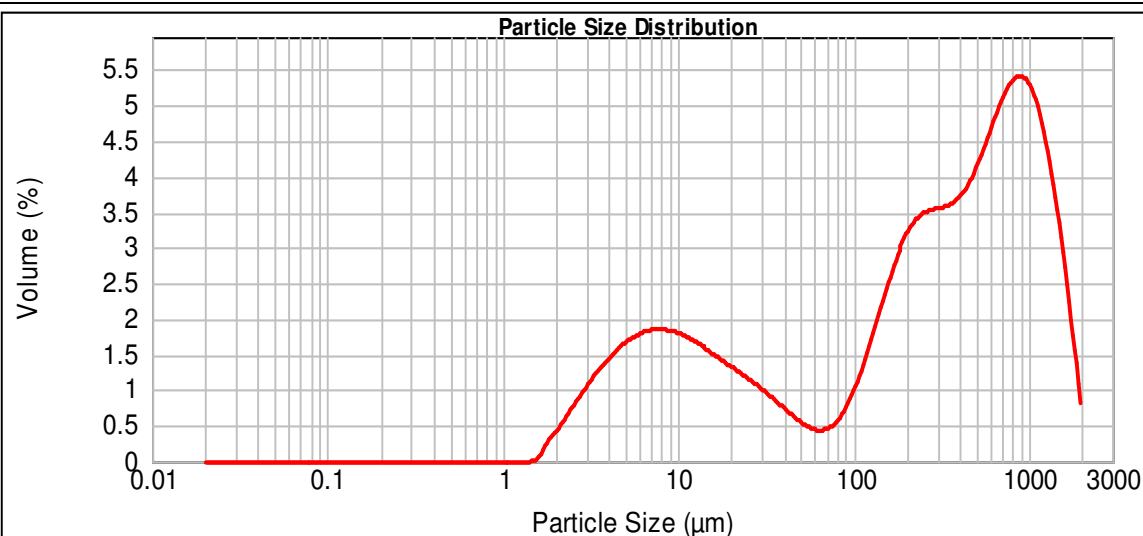
**Vol. Weighted Mean D[4,3]:**

464.289  $\mu\text{m}$

**d(0.1): 6.519  $\mu\text{m}$**

**d(0.5): 307.363  $\mu\text{m}$**

**d(0.9): 1184.213  $\mu\text{m}$**



— 3Dr, Saturday, 23 May 2009 5:31:08 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.35	37.000	0.84	105.000	1.61	300.000	3.59	840.000	6.15
0.060	0.00	2.000	4.06	44.000	0.71	125.000	2.32	350.000	4.36	1000.000	15.60
0.120	0.00	3.900	7.76	53.000	0.52	149.000	2.96	420.000	4.46	2000.000	
0.240	0.00	7.800	7.85	63.000	0.47	177.000	3.47	500.000	4.69		
0.490	0.00	15.600	5.68	74.000	0.66	210.000	3.87	590.000	5.88		
0.700	0.00	31.000	1.05	88.000	1.05	250.000	4.20	710.000	5.81		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**

4A

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 1:59:36 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 1:59:37 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:**

19.46 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.278 %

**Result Emulation:**

Off

**Concentration:**

0.0912 %Vol

**Span :**

2.182

**Uniformity:**

0.662

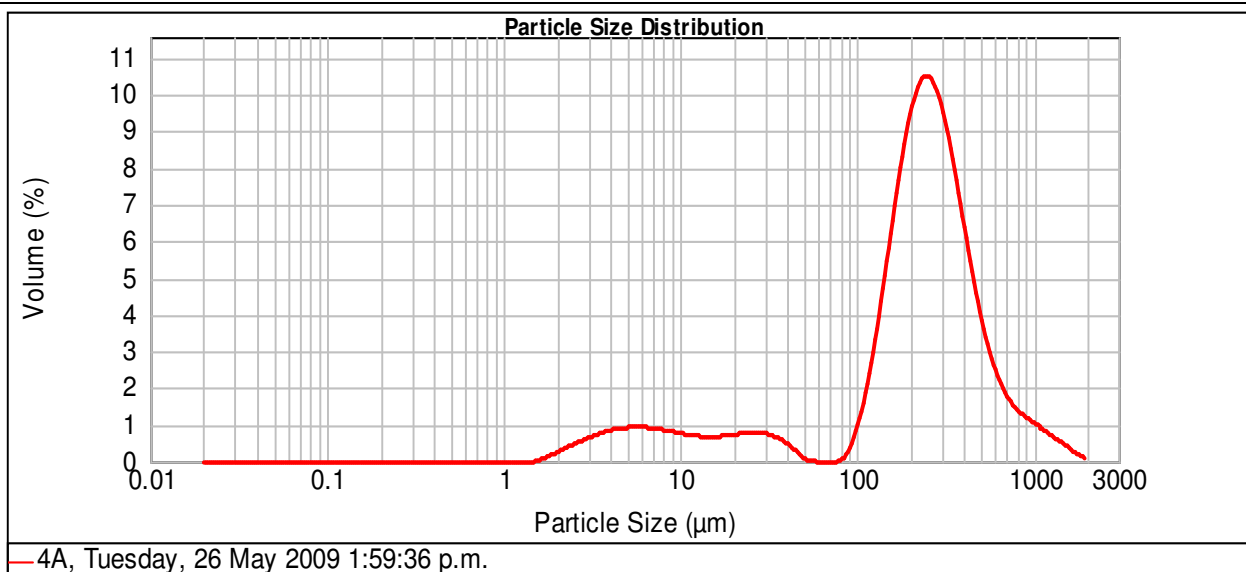
**Result units:**

Volume

**Specific Surface Area:**

0.156  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

38.375  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

282.460  $\mu\text{m}$ 
**d(0.1): 14.761  $\mu\text{m}$** 
**d(0.5): 235.508  $\mu\text{m}$** 
**d(0.9): 528.707  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.22
2.000	2.52
3.900	4.12
7.800	3.39
15.600	3.36
31.000	0.79
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.52
44.000	0.17
53.000	0.00
63.000	0.00
74.000	0.07
88.000	0.89
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	2.62
125.000	5.23
149.000	8.00
177.000	10.36
210.000	11.86
250.000	12.14
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	8.90
350.000	8.16
420.000	5.39
500.000	3.39
590.000	2.51
710.000	1.61
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	1.32
1000.000	2.48
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4Ar

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 2:07:03 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 2:07:04 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  $\mu$ m

**Obscuration:**

18.16 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.073 %

**Result Emulation:**

Off

**Concentration:**

0.0631 %Vol

**Span :**

2.677

**Uniformity:**

0.875

**Result units:**

Volume

**Specific Surface Area:**

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

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

28.703  $\mu$ m

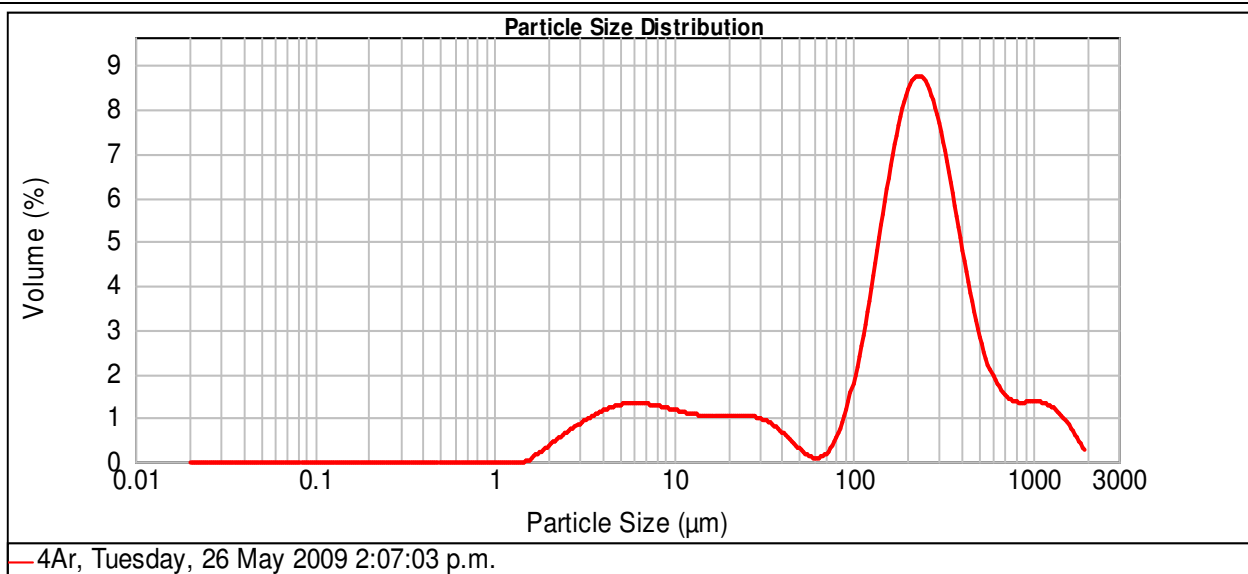
**Vol. Weighted Mean D[4,3]:**

277.316  $\mu$ m

**d(0.1): 8.313  $\mu$ m**

**d(0.5): 209.563  $\mu$ m**

**d(0.9): 569.313  $\mu$ m**



Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.29	37.000	0.75	105.000	3.47	300.000	7.14	840.000	1.54
0.060	0.00	2.000	3.37	44.000	0.44	125.000	5.68	350.000	6.48	1000.000	4.44
0.120	0.00	3.900	5.81	53.000	0.14	149.000	7.68	420.000	4.24	2000.000	
0.240	0.00	7.800	5.19	63.000	0.13	177.000	9.17	500.000	2.64		
0.490	0.00	15.600	4.65	74.000	0.59	210.000	9.98	590.000	2.03		
0.700	0.00	31.000	1.02	88.000	1.73	250.000	9.89	710.000	1.51		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
4B

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Tuesday, 26 May 2009 2:17:33 p.m.

**Analysed:**  
Tuesday, 26 May 2009 2:17:34 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.884 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
20.03 %

**Result Emulation:**  
Off

**Concentration:**  
0.0533 %Vol

**Span :**  
2.171

**Uniformity:**  
0.679

**Result units:**  
Volume

**Specific Surface Area:**  
0.271  $\text{m}^2/\text{g}$

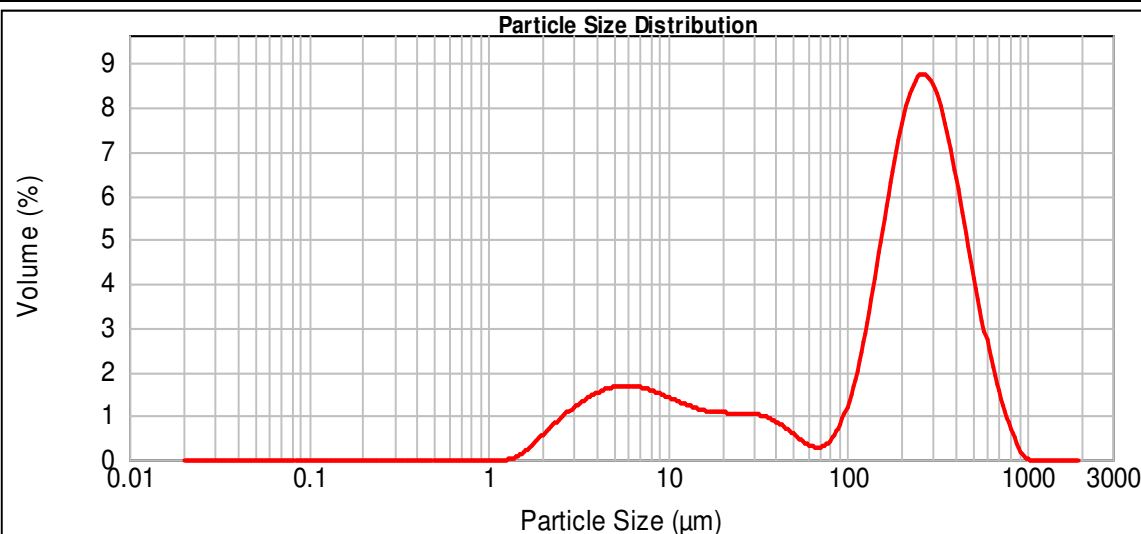
**Surface Weighted Mean D[3,2]:**  
22.171  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
222.572  $\mu\text{m}$

**d(0.1):** 6.106  $\mu\text{m}$

**d(0.5):** 209.810  $\mu\text{m}$

**d(0.9):** 461.690  $\mu\text{m}$



— 4B, Tuesday, 26 May 2009 2:17:33 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.63
2.000	4.62
3.900	7.38
7.800	6.13
15.600	4.78
31.000	1.15
37.000	0.97

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.97
44.000	0.77
53.000	0.45
63.000	0.29
74.000	0.48
88.000	1.17
105.000	2.45

Size ( $\mu\text{m}$ )	Volume In %
105.000	2.45
125.000	4.33
149.000	6.32
177.000	8.14
210.000	9.59
250.000	10.40
300.000	8.23

Size ( $\mu\text{m}$ )	Volume In %
300.000	8.23
350.000	8.25
420.000	5.95
500.000	3.83
590.000	2.49
710.000	1.01
840.000	0.20

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.20
1000.000	0.00
2000.000	0.00

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4Br

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 2:29:03 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 2:29:04 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:**

19.88 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.960 %

**Result Emulation:**

Off

**Concentration:**

0.0506 %Vol

**Span :**

2.157

**Uniformity:**

0.676

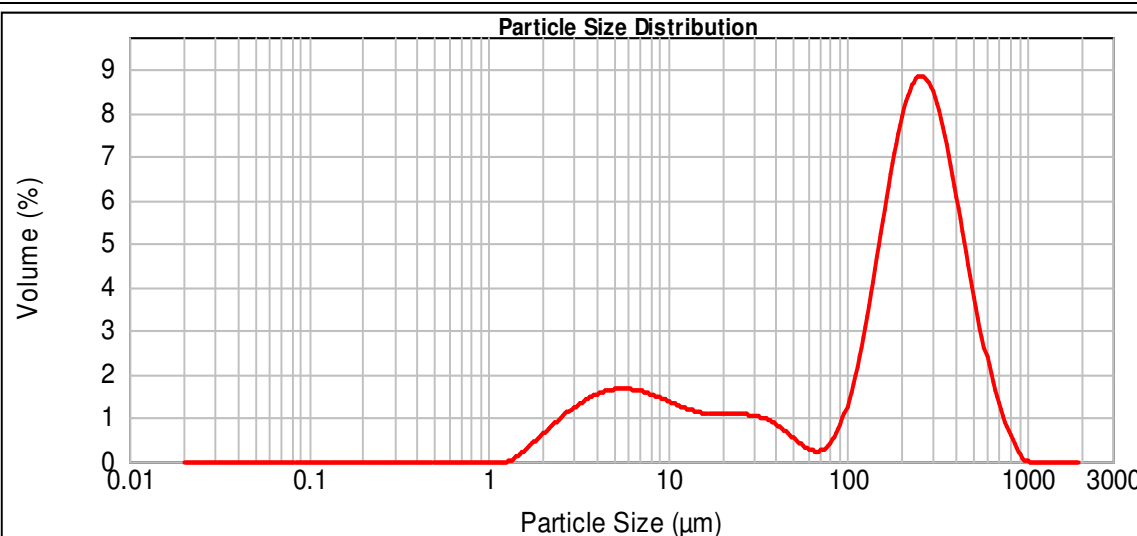
**Result units:**

Volume

**Specific Surface Area:**

0.281  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

21.389  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

216.261  $\mu\text{m}$ 
**d(0.1): 5.888  $\mu\text{m}$** 
**d(0.5): 204.456  $\mu\text{m}$** 
**d(0.9): 446.968  $\mu\text{m}$** 


— 4Br, Tuesday, 26 May 2009 2:29:03 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.76	37.000	0.96	105.000	2.64	300.000	8.12	840.000	0.18
0.060	0.00	2.000	4.85	44.000	0.73	125.000	4.62	350.000	7.95	1000.000	0.00
0.120	0.00	3.900	7.38	53.000	0.39	149.000	6.66	420.000	5.56	2000.000	0.00
0.240	0.00	7.800	6.02	63.000	0.24	177.000	8.46	500.000	3.46		
0.490	0.00	15.600	4.84	74.000	0.47	210.000	9.82	590.000	2.16		
0.700	0.00	31.000	1.16	88.000	1.25	250.000	10.46	710.000	0.86		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4C

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 8:52:37 p.m.

**Sample Source & type:**
**Measured by:**

rodgers

**Analysed:**

Tuesday, 26 May 2009 8:52:38 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:**

19.04 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

2.083 %

**Result Emulation:**

Off

**Concentration:**

0.0367 %Vol

**Span :**

2.317

**Uniformity:**

0.751

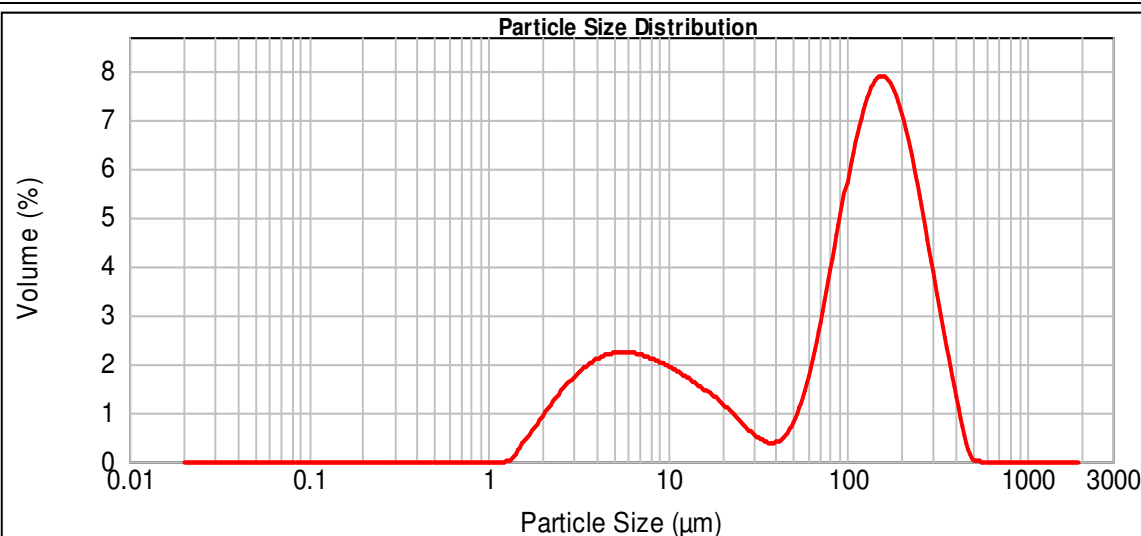
**Result units:**

Volume

**Specific Surface Area:**

0.388  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

15.446  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

119.658  $\mu\text{m}$ 
**d(0.1): 4.483  $\mu\text{m}$** 
**d(0.5): 110.898  $\mu\text{m}$** 
**d(0.9): 261.483  $\mu\text{m}$** 


— 4C, Tuesday, 26 May 2009 8:52:37 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	1.20	37.000	0.45	105.000	7.76	300.000	3.25	840.000	0.00
0.060	0.00	2.000	6.86	44.000	0.84	125.000	8.82	350.000	2.17	1000.000	0.00
0.120	0.00	3.900	9.96	53.000	1.59	149.000	8.85	420.000	0.50	2000.000	0.00
0.240	0.00	7.800	8.43	63.000	2.62	177.000	8.19	500.000	0.00		
0.490	0.00	15.600	4.61	74.000	4.39	210.000	7.10	590.000	0.00		
0.700	0.00	31.000	0.50	88.000	6.27	250.000	5.64	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4Cr

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 9:01:36 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 9:01:37 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:**

19.55 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.569 %

**Result Emulation:**

Off

**Concentration:**

0.0365 %Vol

**Span :**

2.848

**Uniformity:**

1.07

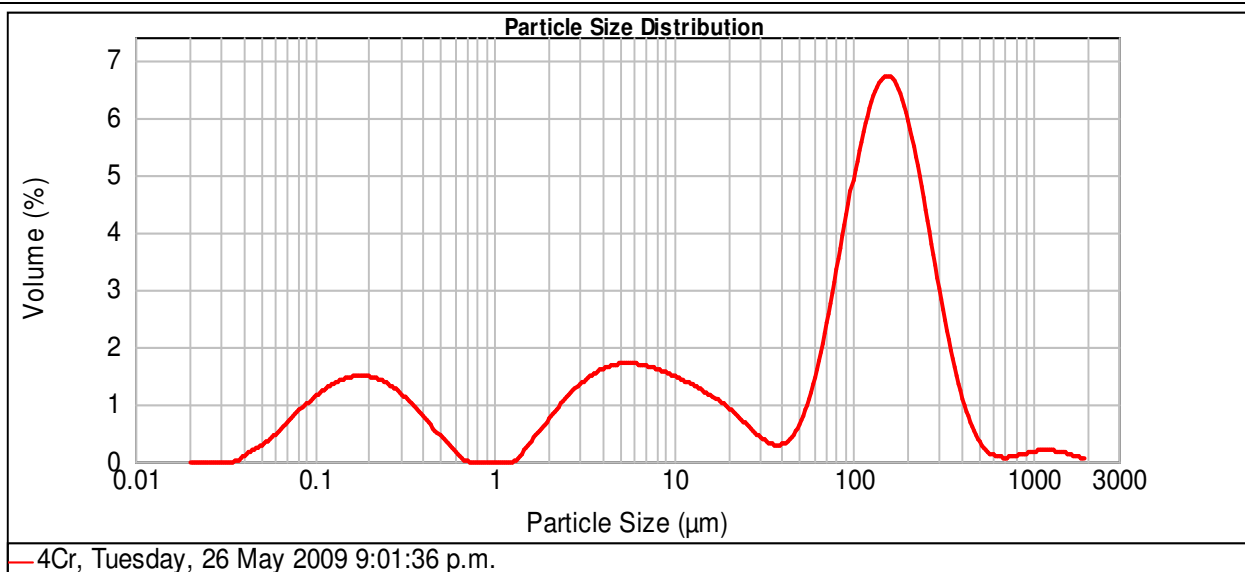
**Result units:**

Volume

**Specific Surface Area:**

7.45  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

0.806  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

113.924  $\mu\text{m}$ 
**d(0.1): 0.206  $\mu\text{m}$** 
**d(0.5): 90.043  $\mu\text{m}$** 
**d(0.9): 256.668  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.43
0.060	4.15
0.120	6.57
0.240	4.71
0.490	0.52
0.700	0.00
0.980	

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.97
2.000	5.34
3.900	7.63
7.800	6.48
15.600	3.64
31.000	0.38
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.34
44.000	0.67
53.000	1.32
63.000	2.21
74.000	3.73
88.000	5.37
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.65
125.000	7.55
149.000	7.54
177.000	6.89
210.000	5.85
250.000	4.50
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	2.52
350.000	1.70
420.000	0.74
500.000	0.25
590.000	0.10
710.000	0.10
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.17
1000.000	0.68
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4D

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 9:13:00 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 9:13:01 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:**

17.55 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.572 %

**Result Emulation:**

Off

**Concentration:**

0.0280 %Vol

**Span :**

3.351

**Uniformity:**

1.17

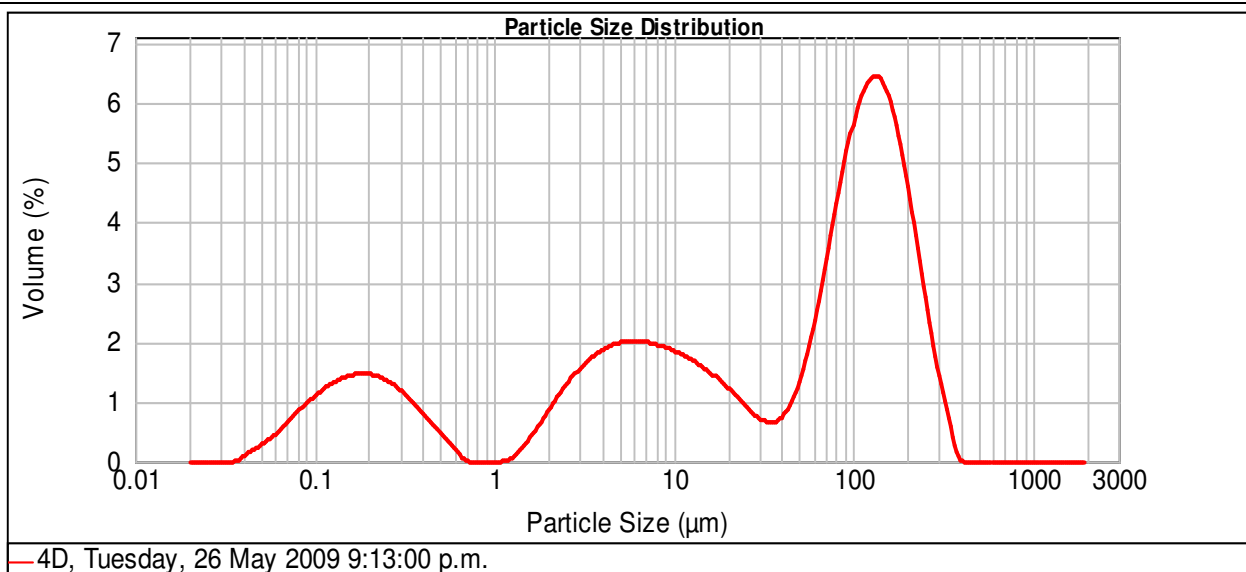
**Result units:**

Volume

**Specific Surface Area:**

7.35  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

0.817  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

77.234  $\mu\text{m}$ 
**d(0.1): 0.212  $\mu\text{m}$** 
**d(0.5): 58.044  $\mu\text{m}$** 
**d(0.9): 194.723  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.41	0.980	1.23	37.000	0.86	105.000	7.12	300.000	1.03	840.000	0.00
0.060	4.02	2.000	6.18	44.000	1.45	125.000	7.39	350.000	0.17	1000.000	0.00
0.120	6.45	3.900	8.97	53.000	2.27	149.000	6.69	420.000	0.00	2000.000	0.00
0.240	4.75	7.800	8.08	63.000	3.23	177.000	5.48	500.000	0.00		
0.490	0.57	15.600	4.92	74.000	4.84	210.000	4.04	590.000	0.00		
0.700	0.00	31.000	0.76	88.000	6.29	250.000	2.51	710.000	0.00		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

4Dr

**SOP Name:**

Marine Sediment

**Measured:**

Tuesday, 26 May 2009 9:35:34 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Tuesday, 26 May 2009 9:35:35 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:**

19.69 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.606 %

**Result Emulation:**

Off

**Concentration:**

0.0327 %Vol

**Span :**

3.197

**Uniformity:**

1.12

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.806  $\mu\text{m}$

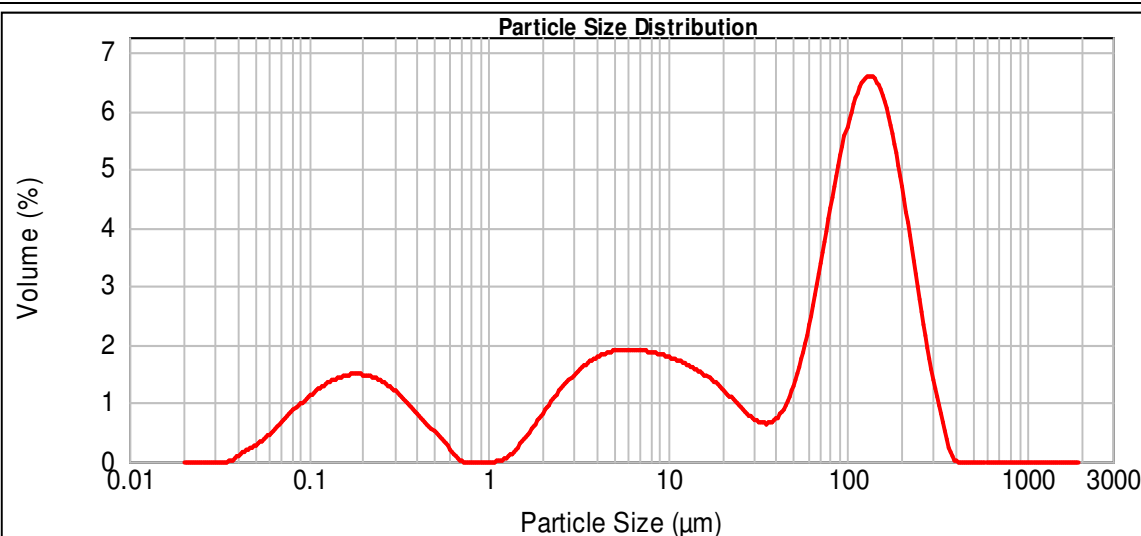
**Vol. Weighted Mean D[4,3]:**

78.168  $\mu\text{m}$

**d(0.1): 0.209  $\mu\text{m}$**

**d(0.5): 61.029  $\mu\text{m}$**

**d(0.9): 195.291  $\mu\text{m}$**



— 4Dr, Tuesday, 26 May 2009 9:35:34 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.42	0.980	1.19	37.000	0.84	105.000	7.25	300.000	0.99	840.000	0.00
0.060	4.08	2.000	5.90	44.000	1.40	125.000	7.56	350.000	0.16	1000.000	0.00
0.120	6.55	3.900	8.55	53.000	2.22	149.000	6.86	420.000	0.00	2000.000	0.00
0.240	4.85	7.800	7.86	63.000	3.20	177.000	5.61	500.000	0.00		
0.490	0.61	15.600	4.99	74.000	4.86	210.000	4.12	590.000	0.00		
0.700	0.00	31.000	0.76	88.000	6.37	250.000	2.53	710.000	0.00		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**

5A

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 2:16:52 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 2:16:53 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:**

19.36 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.630 %

**Result Emulation:**

Off

**Concentration:**

0.0323 %Vol

**Span :**

16.278

**Uniformity:**

4.42

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.713  $\mu\text{m}$

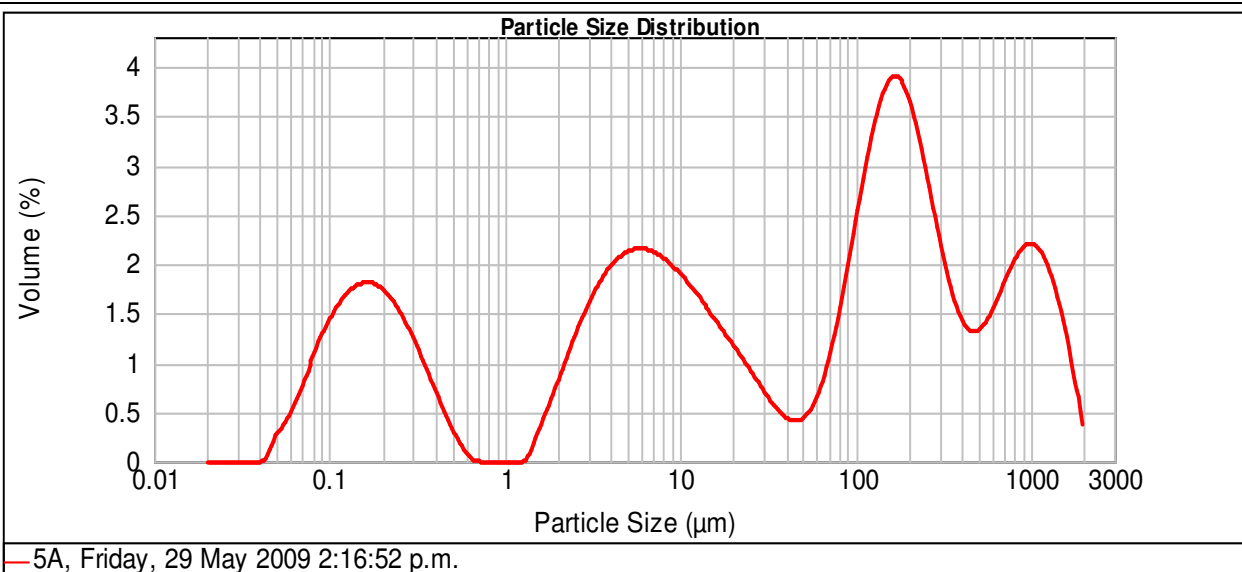
**Vol. Weighted Mean D[4,3]:**

224.932  $\mu\text{m}$

**d(0.1): 0.173  $\mu\text{m}$**

**d(0.5): 49.429  $\mu\text{m}$**

**d(0.9): 804.784  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.47	0.980	1.03	37.000	0.51	105.000	3.47	300.000	2.04	840.000	2.49
0.060	5.12	2.000	6.29	44.000	0.51	125.000	4.17	350.000	1.85	1000.000	6.93
0.120	7.93	3.900	9.55	53.000	0.66	149.000	4.39	420.000	1.51	2000.000	
0.240	4.66	7.800	8.13	63.000	1.01	177.000	4.23	500.000	1.51		
0.490	0.30	15.600	4.86	74.000	1.74	210.000	3.80	590.000	2.01		
0.700	0.00	31.000	0.68	88.000	2.64	250.000	3.17	710.000	2.18		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

5Ar

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 2:46:05 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 2:46:06 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:**

18.77 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.526 %

**Result Emulation:**

Off

**Concentration:**

0.0333 %Vol

**Span :**

7.224

**Uniformity:**

2.43

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.754  $\mu\text{m}$

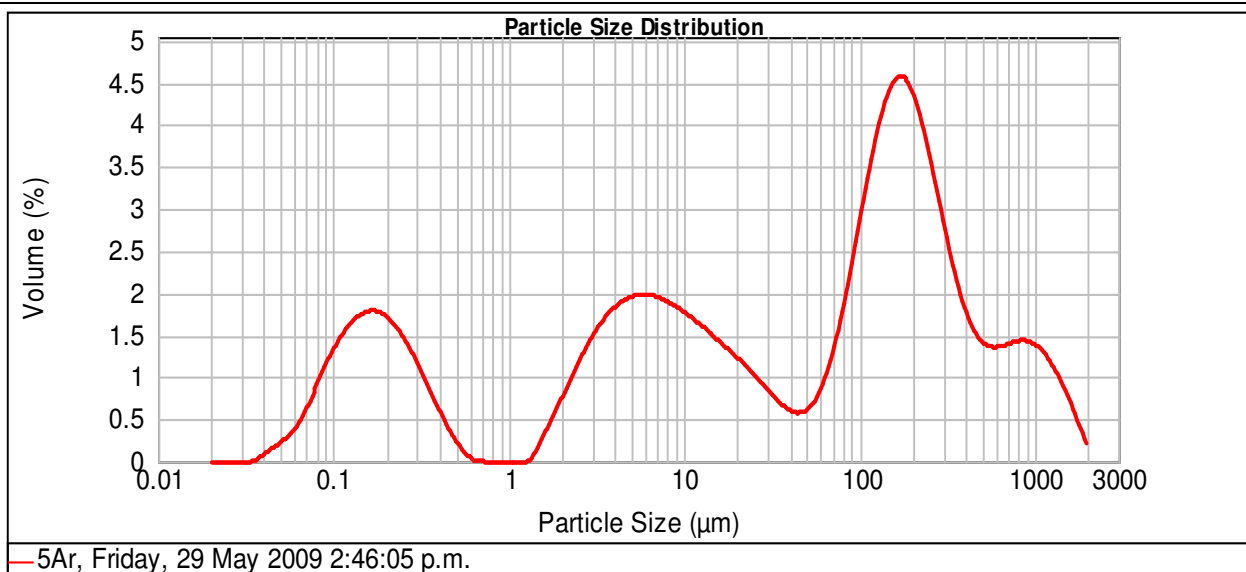
**Vol. Weighted Mean D[4,3]:**

184.436  $\mu\text{m}$

**d(0.1): 0.183  $\mu\text{m}$**

**d(0.5): 71.846  $\mu\text{m}$**

**d(0.9): 519.174  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.37	0.980	0.95	37.000	0.69	105.000	4.04	300.000	2.58	840.000	1.63
0.060	4.57	2.000	5.85	44.000	0.73	125.000	4.85	350.000	2.32	1000.000	4.00
0.120	7.77	3.900	8.81	53.000	0.90	149.000	5.13	420.000	1.75	2000.000	
0.240	4.22	7.800	7.67	63.000	1.28	177.000	5.00	500.000	1.49		
0.490	0.20	15.600	5.16	74.000	2.10	210.000	4.58	590.000	1.66		
0.700	0.00	31.000	0.85	88.000	3.11	250.000	3.92	710.000	1.57		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

5B

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 2:53:07 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 2:53:08 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:**

19.93 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.626 %

**Result Emulation:**

Off

**Concentration:**

0.0371 %Vol

**Span :**

2.603

**Uniformity:**

1.14

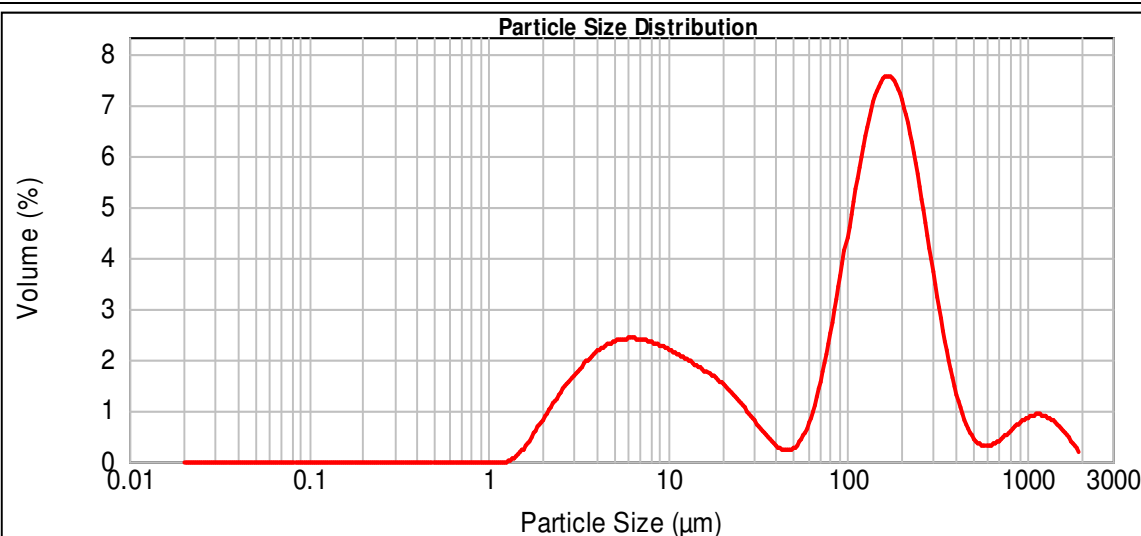
**Result units:**

Volume

**Specific Surface Area:**

0.385  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

15.584  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

173.723  $\mu\text{m}$ 
**d(0.1): 4.613  $\mu\text{m}$** 
**d(0.5): 121.366  $\mu\text{m}$** 
**d(0.9): 320.555  $\mu\text{m}$** 


— 5B, Friday, 29 May 2009 2:53:07 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.92	37.000	0.34	105.000	6.50	300.000	3.08	840.000	0.89
0.060	0.00	2.000	6.64	44.000	0.28	125.000	8.01	350.000	2.04	1000.000	3.18
0.120	0.00	3.900	10.65	53.000	0.62	149.000	8.51	420.000	0.88	2000.000	
0.240	0.00	7.800	9.64	63.000	1.36	177.000	8.14	500.000	0.39		
0.490	0.00	15.600	6.08	74.000	2.81	210.000	7.10	590.000	0.42		
0.700	0.00	31.000	0.67	88.000	4.70	250.000	5.53	710.000	0.61		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

5Br

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 3:01:41 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 3:01:42 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:**

18.48 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.568 %

**Result Emulation:**

Off

**Concentration:**

0.0311 %Vol

**Span :**

5.460

**Uniformity:**

2.5

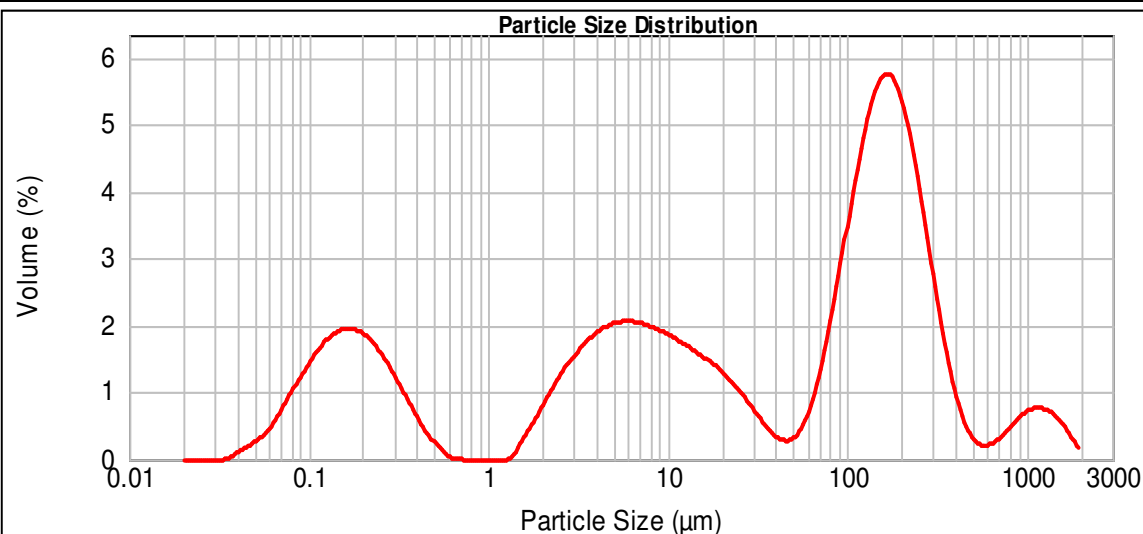
**Result units:**

Volume

**Specific Surface Area:**

8.68  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

0.691  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

136.017  $\mu\text{m}$ 
**d(0.1): 0.170  $\mu\text{m}$** 
**d(0.5): 51.726  $\mu\text{m}$** 
**d(0.9): 282.568  $\mu\text{m}$** 


— 5Br, Friday, 29 May 2009 3:01:41 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.40	0.980	1.01	37.000	0.39	105.000	5.05	300.000	2.27	840.000	0.74
0.060	4.99	2.000	6.09	44.000	0.36	125.000	6.15	350.000	1.47	1000.000	2.68
0.120	8.49	3.900	9.16	53.000	0.62	149.000	6.47	420.000	0.60	2000.000	
0.240	4.61	7.800	8.15	63.000	1.19	177.000	6.15	500.000	0.26		
0.490	0.22	15.600	5.24	74.000	2.31	210.000	5.33	590.000	0.31		
0.700	0.00	31.000	0.64	88.000	3.73	250.000	4.13	710.000	0.49		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

5C

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 3:09:23 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 3:09:24 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  $\mu\text{m}$

**Obscuration:**

18.49 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.206 %

**Result Emulation:**

Off

**Concentration:**

0.0769 %Vol

**Span :**

3.374

**Uniformity:**

0.987

**Result units:**

Volume

**Specific Surface Area:**

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

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

34.373  $\mu\text{m}$

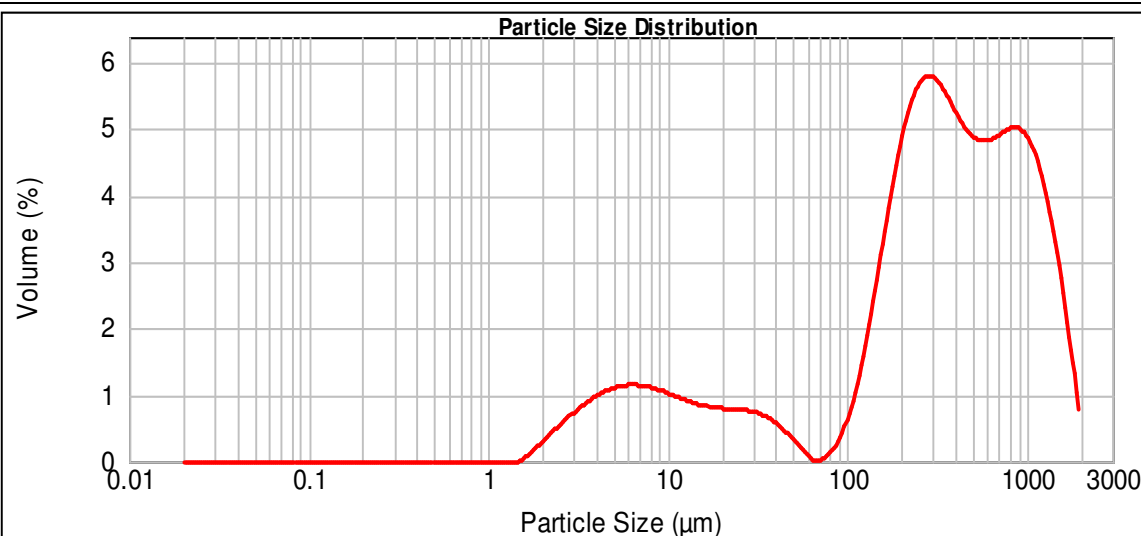
**Vol. Weighted Mean D[4,3]:**

482.008  $\mu\text{m}$

**d(0.1): 10.187  $\mu\text{m}$**

**d(0.5): 340.011  $\mu\text{m}$**

**d(0.9): 1157.446  $\mu\text{m}$**



— 5C, Friday, 29 May 2009 3:09:23 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.25	37.000	0.65	105.000	1.43	300.000	5.75	840.000	5.69
0.060	0.00	2.000	2.85	44.000	0.46	125.000	2.67	350.000	6.41	1000.000	14.51
0.120	0.00	3.900	5.02	53.000	0.18	149.000	3.98	420.000	5.72	2000.000	
0.240	0.00	7.800	4.47	63.000	0.00	177.000	5.19	500.000	5.23		
0.490	0.00	15.600	3.55	74.000	0.15	210.000	6.20	590.000	5.89		
0.700	0.00	31.000	0.80	88.000	0.58	250.000	6.89	710.000	5.49		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

5Cr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 3:17:07 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 3:17:08 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  $\mu$ m

**Obscuration:**

18.99 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.348 %

**Result Emulation:**

Off

**Concentration:**

0.0889 %Vol

**Span :**

3.046

**Uniformity:**

0.909

**Result units:**

Volume

**Specific Surface Area:**

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

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

38.370  $\mu$ m

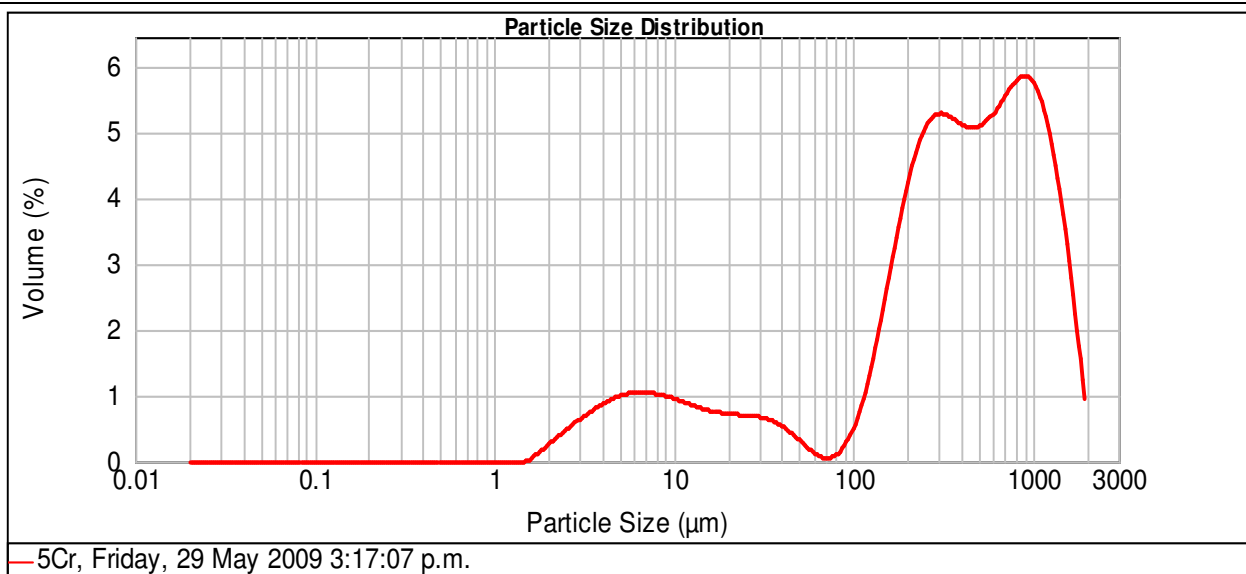
**Vol. Weighted Mean D[4,3]:**

532.709  $\mu$ m

**d(0.1): 12.073  $\mu$ m**

**d(0.5): 398.839  $\mu$ m**

**d(0.9): 1226.862  $\mu$ m**



Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.20	37.000	0.60	105.000	1.17	300.000	5.33	840.000	6.68
0.060	0.00	2.000	2.49	44.000	0.45	125.000	2.23	350.000	6.17	1000.000	17.33
0.120	0.00	3.900	4.55	53.000	0.20	149.000	3.40	420.000	5.79	2000.000	
0.240	0.00	7.800	4.15	63.000	0.07	177.000	4.51	500.000	5.58		
0.490	0.00	15.600	3.22	74.000	0.11	210.000	5.47	590.000	6.57		
0.700	0.00	31.000	0.73	88.000	0.46	250.000	6.22	710.000	6.32		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

6A

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 3:46:52 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 3:46:53 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  $\mu$ m

**Obscuration:**

18.85 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.805 %

**Result Emulation:**

Off

**Concentration:**

0.0376 %Vol

**Span :**

7.093

**Uniformity:**

2.11

**Result units:**

Volume

**Specific Surface Area:**

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

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

16.784  $\mu$ m

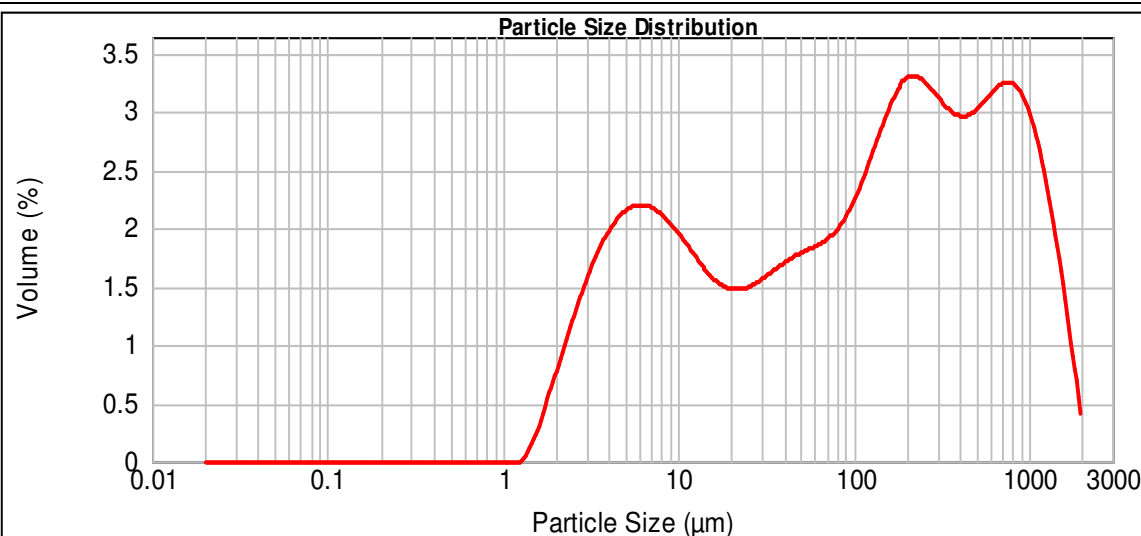
**Vol. Weighted Mean D[4,3]:**

304.278  $\mu$ m

**d(0.1): 4.881  $\mu$ m**

**d(0.5): 128.957  $\mu$ m**

**d(0.9): 919.533  $\mu$ m**



— 6A, Friday, 29 May 2009 3:46:52 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.91	37.000	1.93	105.000	2.80	300.000	3.10	840.000	3.57
0.060	0.00	2.000	6.09	44.000	2.16	125.000	3.19	350.000	3.55	1000.000	8.31
0.120	0.00	3.900	9.68	53.000	2.07	149.000	3.46	420.000	3.39	2000.000	
0.240	0.00	7.800	8.42	63.000	1.99	177.000	3.64	500.000	3.32		
0.490	0.00	15.600	6.77	74.000	2.26	210.000	3.76	590.000	3.86		
0.700	0.00	31.000	1.87	88.000	2.52	250.000	3.83	710.000	3.57		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

6Ar

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 3:56:05 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 3:56:07 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:**

18.14 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.621 %

**Result Emulation:**

Off

**Concentration:**

0.0418 %Vol

**Span :**

5.140

**Uniformity:**

1.58

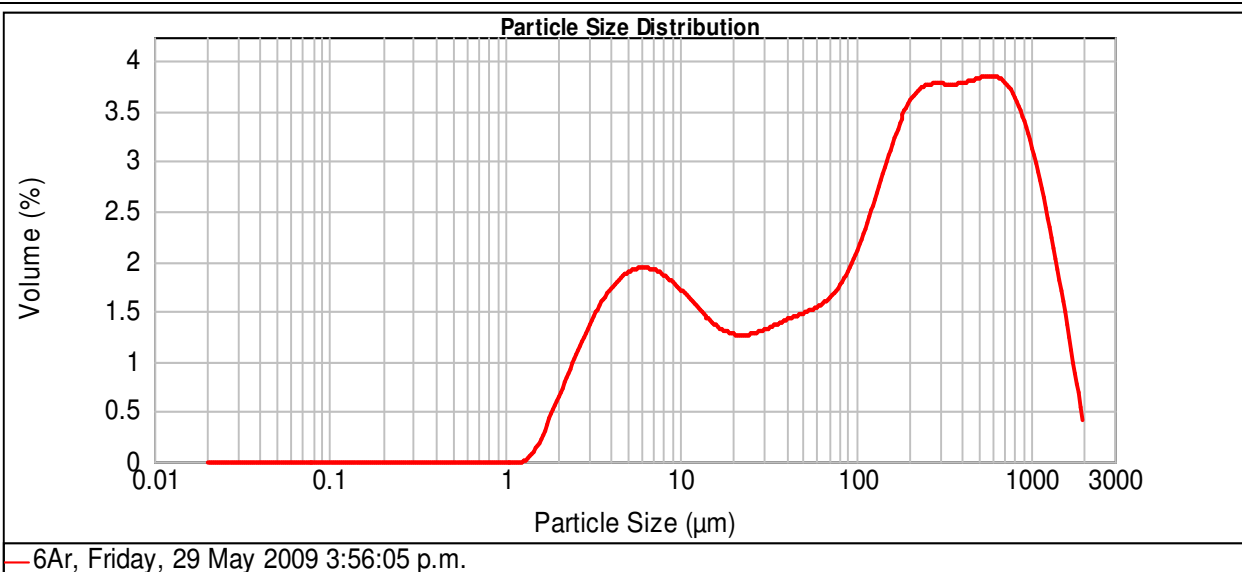
**Result units:**

Volume

**Specific Surface Area:**

0.309  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

19.400  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

332.277  $\mu\text{m}$ 
**d(0.1): 5.477  $\mu\text{m}$** 
**d(0.5): 179.147  $\mu\text{m}$** 
**d(0.9): 926.248  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.71	37.000	1.60	105.000	2.69	300.000	3.79	840.000	3.86
0.060	0.00	2.000	5.23	44.000	1.79	125.000	3.19	350.000	4.49	1000.000	8.36
0.120	0.00	3.900	8.50	53.000	1.72	149.000	3.59	420.000	4.33	2000.000	
0.240	0.00	7.800	7.39	63.000	1.69	177.000	3.92	500.000	4.15		
0.490	0.00	15.600	5.79	74.000	1.98	210.000	4.21	590.000	4.63		
0.700	0.00	31.000	1.56	88.000	2.31	250.000	4.48	710.000	4.06		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**

6B

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:03:12 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:03:13 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:**

17.31 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.617 %

**Result Emulation:**

Off

**Concentration:**

0.0571 %Vol

**Span :**

2.313

**Uniformity:**

0.744

**Result units:**

Volume

**Specific Surface Area:**

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

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

27.500  $\mu\text{m}$

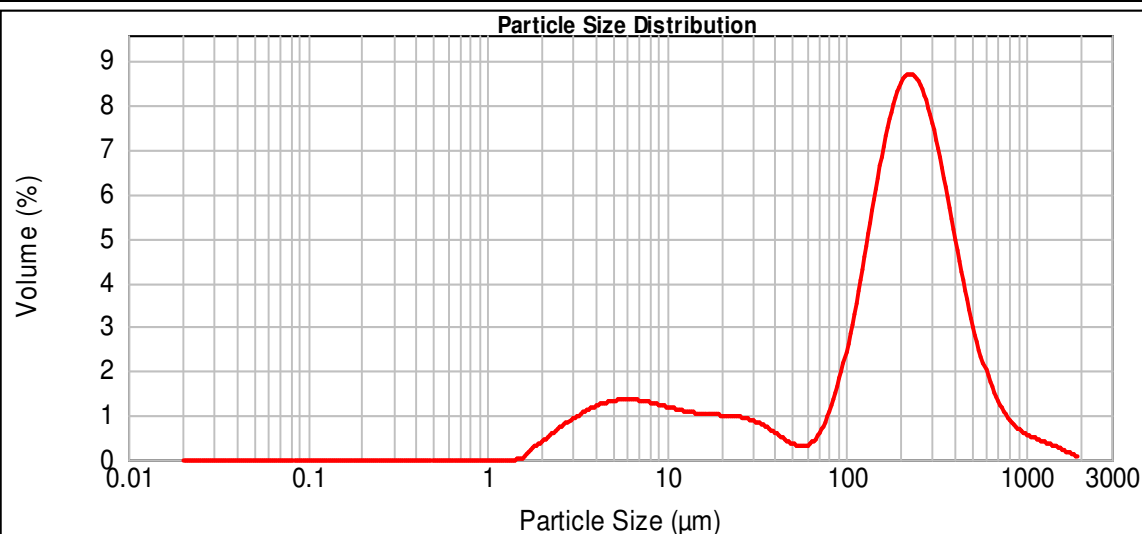
**Vol. Weighted Mean D[4,3]:**

231.940  $\mu\text{m}$

**d(0.1): 7.922  $\mu\text{m}$**

**d(0.5): 195.306  $\mu\text{m}$**

**d(0.9): 459.688  $\mu\text{m}$**



— 6B, Friday, 29 May 2009 4:03:12 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.34	37.000	0.68	105.000	4.23	300.000	7.12	840.000	0.77
0.060	0.00	2.000	3.56	44.000	0.48	125.000	6.32	350.000	6.61	1000.000	1.44
0.120	0.00	3.900	5.97	53.000	0.35	149.000	8.08	420.000	4.46	2000.000	
0.240	0.00	7.800	5.25	63.000	0.51	177.000	9.30	500.000	2.80		
0.490	0.00	15.600	4.40	74.000	1.19	210.000	9.92	590.000	1.95		
0.700	0.00	31.000	0.91	88.000	2.48	250.000	9.78	710.000	1.09		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

6Br

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:10:11 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:10:12 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  $\mu$ m

**Obscuration:**

17.97 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.703 %

**Result Emulation:**

Off

**Concentration:**

0.0660 %Vol

**Span :**

2.168

**Uniformity:**

0.66

**Result units:**

Volume

**Specific Surface Area:**

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

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

30.644  $\mu$ m

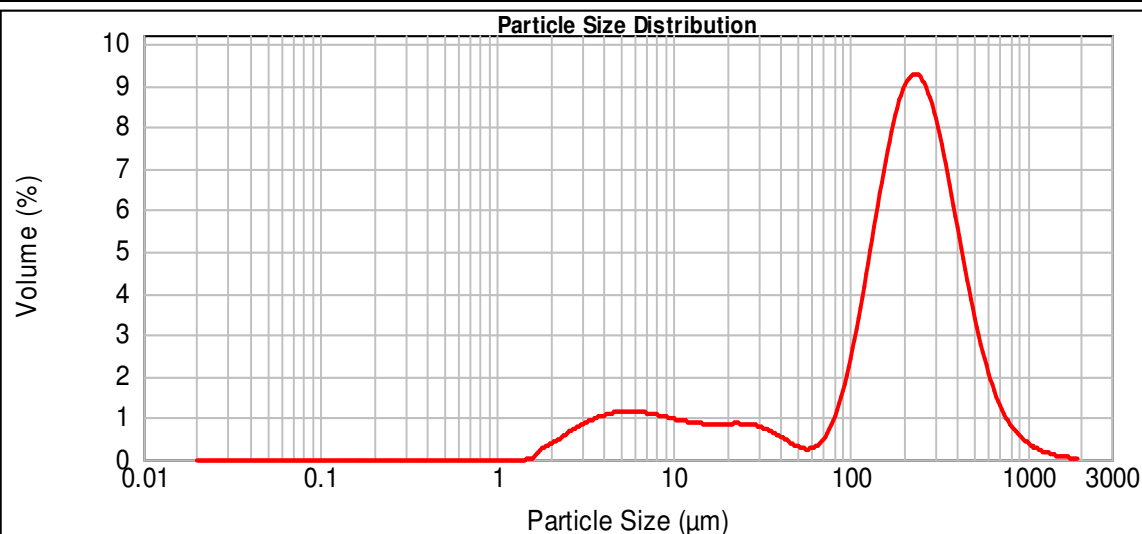
**Vol. Weighted Mean D[4,3]:**

229.983  $\mu$ m

**d(0.1): 9.466  $\mu$ m**

**d(0.5): 202.117  $\mu$ m**

**d(0.9): 447.613  $\mu$ m**



— 6Br, Friday, 29 May 2009 4:10:11 p.m.

Size ( $\mu$ m)	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu$ m)	Volume In %
0.980	0.33
2.000	3.24
3.900	5.11
7.800	4.30
15.600	3.83
31.000	0.83
37.000	

Size ( $\mu$ m)	Volume In %
37.000	0.61
44.000	0.42
53.000	0.29
63.000	0.46
74.000	1.16
88.000	2.50
105.000	

Size ( $\mu$ m)	Volume In %
105.000	4.34
125.000	6.57
149.000	8.47
177.000	9.83
210.000	10.55
250.000	10.46
300.000	

Size ( $\mu$ m)	Volume In %
300.000	7.64
350.000	7.11
420.000	4.77
500.000	2.95
590.000	1.97
710.000	1.00
840.000	

Size ( $\mu$ m)	Volume In %
840.000	0.60
1000.000	0.68
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

6C

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:18:13 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:18:14 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:**

19.08 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.644 %

**Result Emulation:**

Off

**Concentration:**

0.0437 %Vol

**Span :**

3.562

**Uniformity:**

1.1

**Result units:**

Volume

**Specific Surface Area:**

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

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

19.412  $\mu\text{m}$

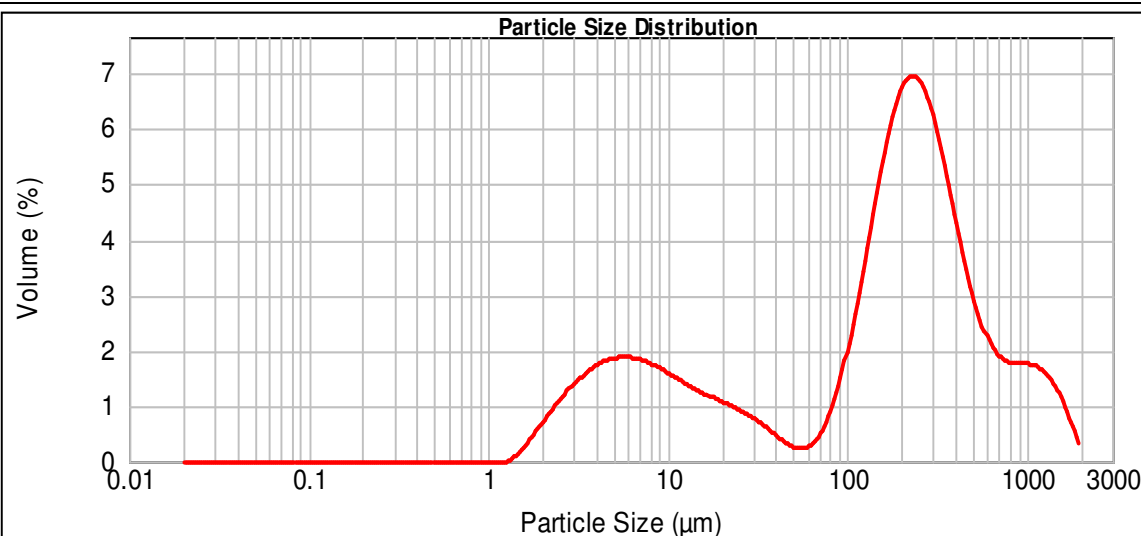
**Vol. Weighted Mean D[4,3]:**

282.738  $\mu\text{m}$

**d(0.1): 5.315  $\mu\text{m}$**

**d(0.5): 193.602  $\mu\text{m}$**

**d(0.9): 694.978  $\mu\text{m}$**



— 6C, Friday, 29 May 2009 4:18:13 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.85	37.000	0.53	105.000	3.38	300.000	5.88	840.000	2.02
0.060	0.00	2.000	5.47	44.000	0.36	125.000	5.00	350.000	5.63	1000.000	5.74
0.120	0.00	3.900	8.34	53.000	0.27	149.000	6.37	420.000	4.02	2000.000	
0.240	0.00	7.800	6.89	63.000	0.43	177.000	7.36	500.000	2.83		
0.490	0.00	15.600	4.54	74.000	1.00	210.000	7.92	590.000	2.47		
0.700	0.00	31.000	0.76	88.000	2.03	250.000	7.92	710.000	1.98		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

6Cr

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:26:15 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:26:16 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:**

19.01 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.639 %

**Result Emulation:**

Off

**Concentration:**

0.0437 %Vol

**Span :**

2.740

**Uniformity:**

0.974

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.940  $\mu\text{m}$

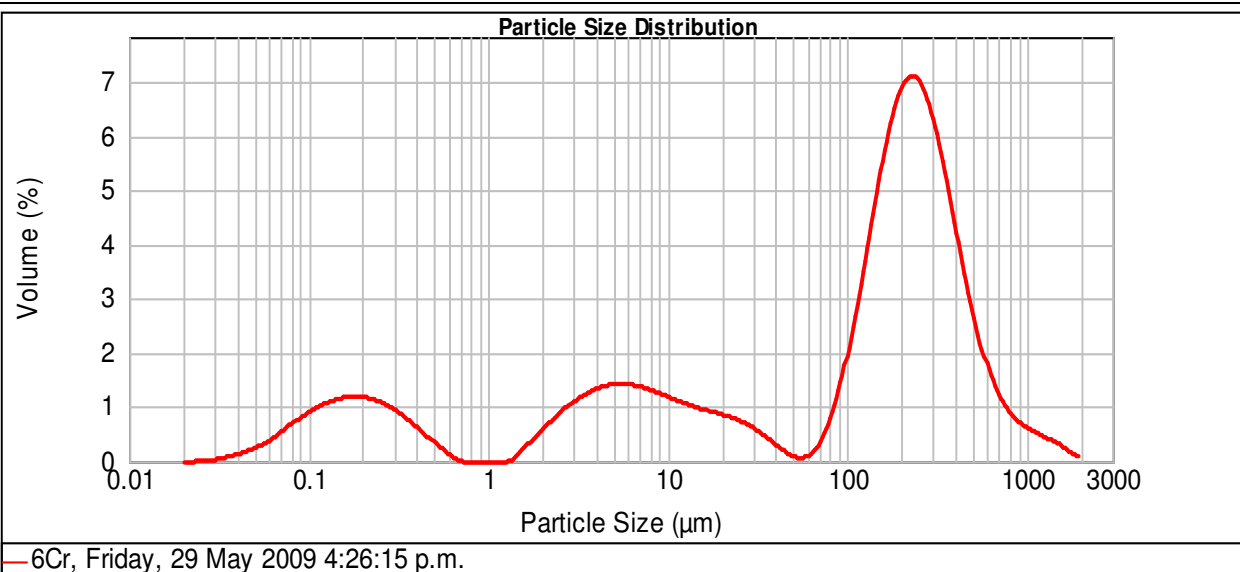
**Vol. Weighted Mean D[4,3]:**

201.941  $\mu\text{m}$

**d(0.1): 0.261  $\mu\text{m}$**

**d(0.5): 163.292  $\mu\text{m}$**

**d(0.9): 447.726  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.36
0.060	3.33
0.120	5.27
0.240	3.76
0.490	0.40
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.75
2.000	4.37
3.900	6.34
7.800	5.20
15.600	3.63
31.000	0.57
37.000	0.57

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.34
44.000	0.15
53.000	0.09
63.000	0.09
74.000	0.28
88.000	0.89
105.000	1.98

Size ( $\mu\text{m}$ )	Volume In %
105.000	3.42
125.000	5.12
149.000	6.54
177.000	7.55
210.000	8.09
250.000	8.05
300.000	8.05

Size ( $\mu\text{m}$ )	Volume In %
300.000	5.93
350.000	5.59
420.000	3.84
500.000	2.47
590.000	1.78
710.000	1.06
840.000	1.06

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.80
1000.000	1.62
2000.000	1.62

Operator notes:

## Result Analysis Report

**Sample Name:**

7A

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:33:21 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:33:22 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:**

19.09 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.629 %

**Result Emulation:**

Off

**Concentration:**

0.0422 %Vol

**Span :**

3.953

**Uniformity:**

1.22

**Result units:**

Volume

**Specific Surface Area:**

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

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

18.649  $\mu\text{m}$

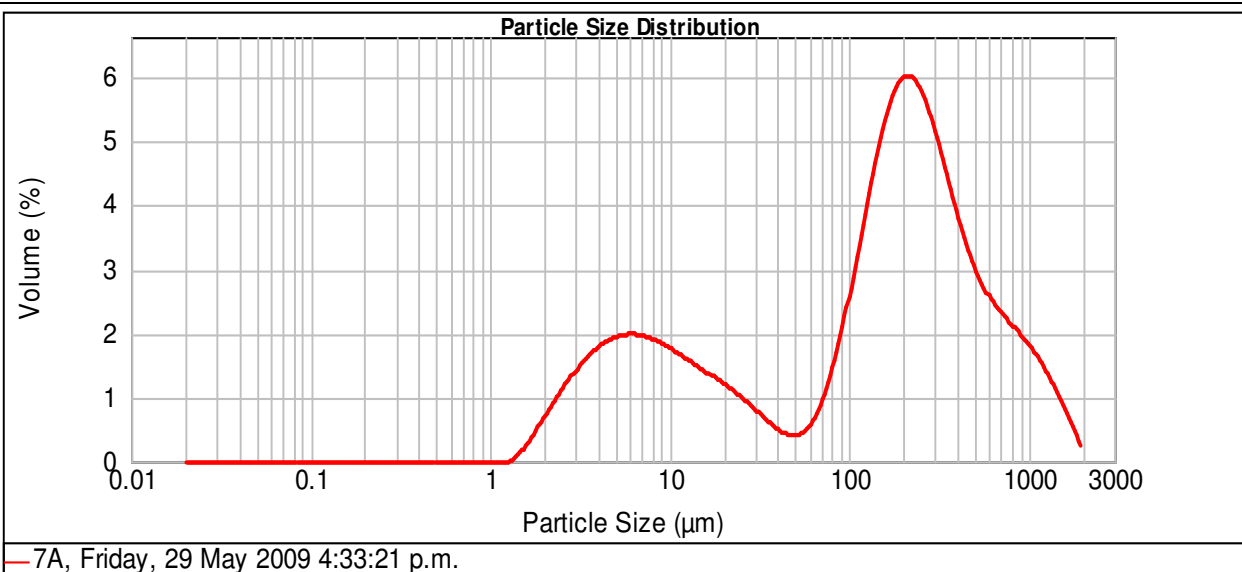
**Vol. Weighted Mean D[4,3]:**

267.998  $\mu\text{m}$

**d(0.1): 5.219  $\mu\text{m}$**

**d(0.5): 173.008  $\mu\text{m}$**

**d(0.9): 689.077  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.83	37.000	0.56	105.000	3.96	300.000	4.89	840.000	2.22
0.060	0.00	2.000	5.58	44.000	0.50	125.000	5.26	350.000	4.86	1000.000	4.93
0.120	0.00	3.900	8.79	53.000	0.56	149.000	6.15	420.000	3.81	2000.000	
0.240	0.00	7.800	7.68	63.000	0.87	177.000	6.65	500.000	3.04		
0.490	0.00	15.600	4.99	74.000	1.63	210.000	6.80	590.000	2.95		
0.700	0.00	31.000	0.78	88.000	2.73	250.000	6.59	710.000	2.39		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

7Ar

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:41:14 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:41:16 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  $\mu$ m

**Obscuration:**

18.68 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.552 %

**Result Emulation:**

Off

**Concentration:**

0.0416 %Vol

**Span :**

3.574

**Uniformity:**

1.23

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.979  $\mu$ m

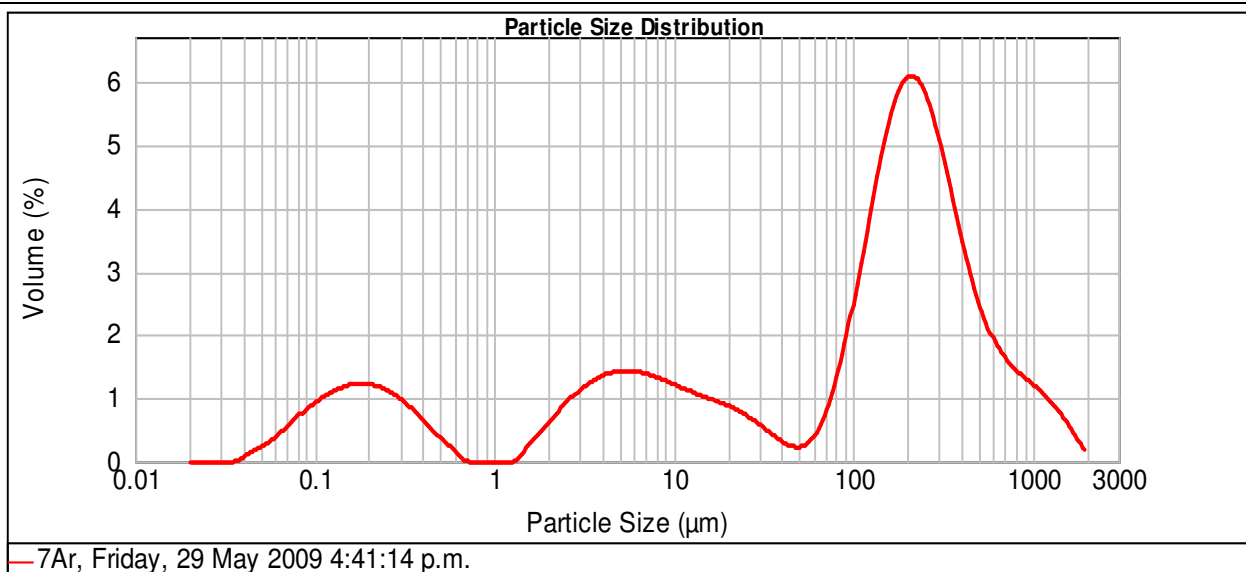
**Vol. Weighted Mean D[4,3]:**

221.127  $\mu$ m

**d(0.1): 0.260  $\mu$ m**

**d(0.5): 149.459  $\mu$ m**

**d(0.9): 534.449  $\mu$ m**



Size ( $\mu$ m)	Volume In %
0.050	0.35
0.060	3.40
0.120	5.41
0.240	3.91
0.490	0.44
0.700	0.00
0.980	

Size ( $\mu$ m)	Volume In %
0.980	0.81
2.000	4.48
3.900	6.38
7.800	5.33
15.600	3.63
31.000	0.54
37.000	

Size ( $\mu$ m)	Volume In %
37.000	0.35
44.000	0.28
53.000	0.37
63.000	0.70
74.000	1.47
88.000	2.61
105.000	

Size ( $\mu$ m)	Volume In %
105.000	3.90
125.000	5.27
149.000	6.22
177.000	6.75
210.000	6.88
250.000	6.59
300.000	

Size ( $\mu$ m)	Volume In %
300.000	4.77
350.000	4.54
420.000	3.32
500.000	2.42
590.000	2.15
710.000	1.64
840.000	

Size ( $\mu$ m)	Volume In %
840.000	1.49
1000.000	3.35
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

7B

**SOP Name:**

Marine Sediment

**Measured:**

Friday, 29 May 2009 4:50:29 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Friday, 29 May 2009 4:50:30 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:**

19.54 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.594 %

**Result Emulation:**

Off

**Concentration:**

0.0461 %Vol

**Span :**

3.586

**Uniformity:**

1.15

**Result units:**

Volume

**Specific Surface Area:**

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

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

19.591  $\mu\text{m}$

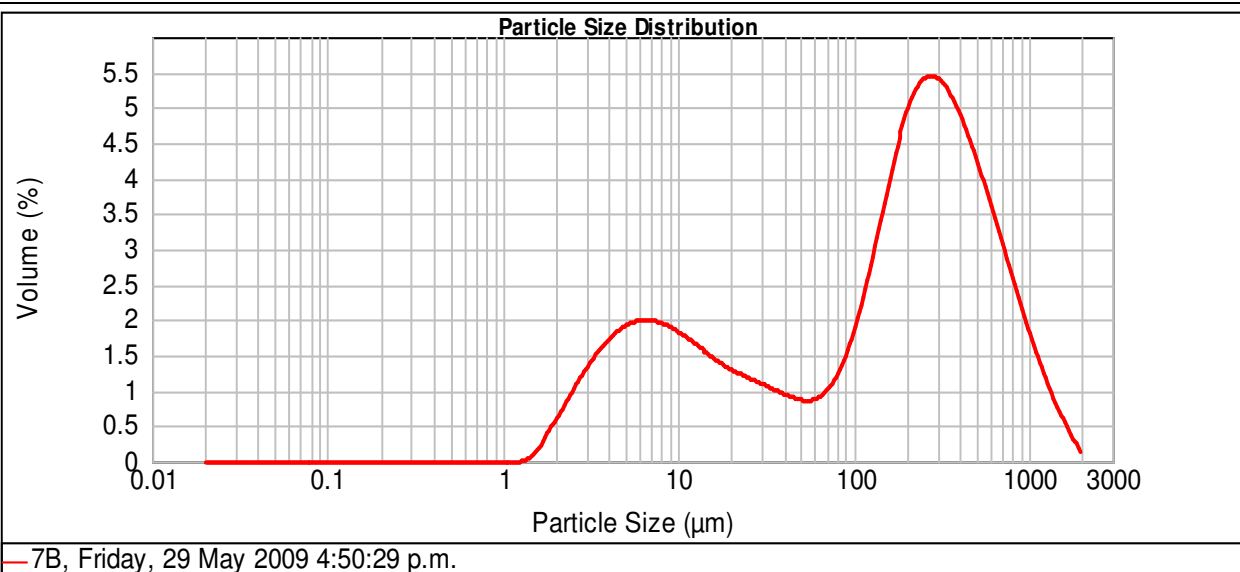
**Vol. Weighted Mean D[4,3]:**

276.952  $\mu\text{m}$

**d(0.1): 5.540  $\mu\text{m}$**

**d(0.5): 190.896  $\mu\text{m}$**

**d(0.9): 690.146  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.62	37.000	1.08	105.000	2.73	300.000	5.39	840.000	2.44
0.060	0.00	2.000	5.12	44.000	1.07	125.000	3.70	350.000	6.01	1000.000	3.95
0.120	0.00	3.900	8.70	53.000	0.98	149.000	4.57	420.000	5.20	2000.000	
0.240	0.00	7.800	7.90	63.000	1.02	177.000	5.33	500.000	4.34		
0.490	0.00	15.600	5.66	74.000	1.39	210.000	5.98	590.000	4.11		
0.700	0.00	31.000	1.20	88.000	1.97	250.000	6.48	710.000	3.03		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

7Br

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:09:43 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:09:44 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:**

19.11 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.650 %

**Result Emulation:**

Off

**Concentration:**

0.0477 %Vol

**Span :**

3.353

**Uniformity:**

1.07

**Result units:**

Volume

**Specific Surface Area:**

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

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

20.911  $\mu\text{m}$

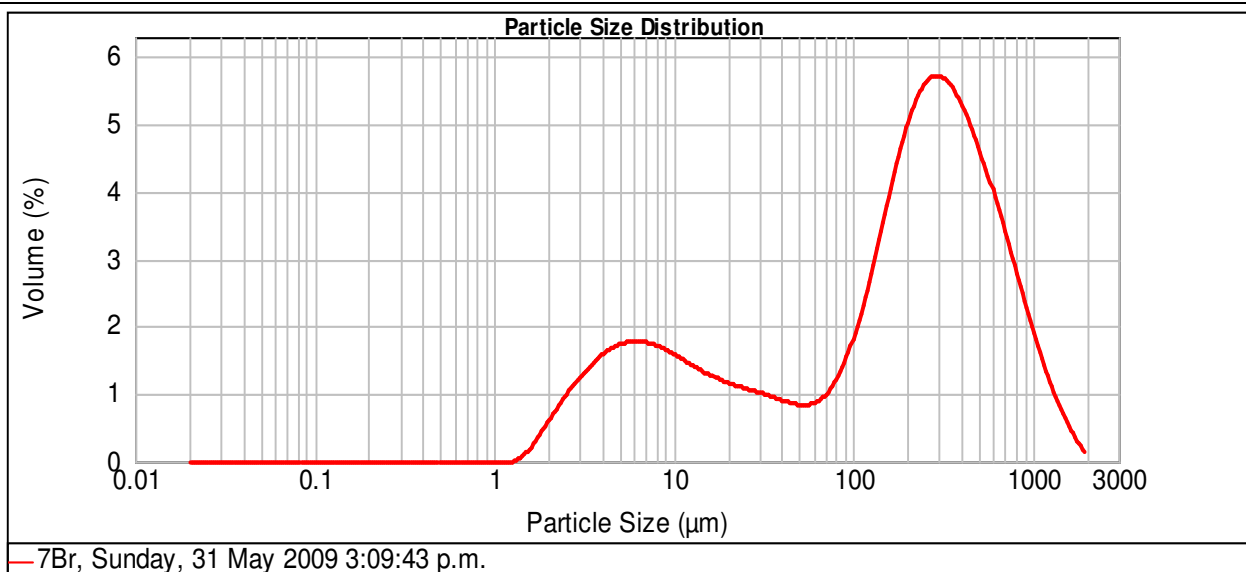
**Vol. Weighted Mean D[4,3]:**

290.125  $\mu\text{m}$

**d(0.1): 5.822  $\mu\text{m}$**

**d(0.5): 208.331  $\mu\text{m}$**

**d(0.9): 704.379  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.68
2.000	4.87
3.900	7.83
7.800	6.90
15.600	5.09
31.000	1.13
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	1.03
44.000	1.03
53.000	0.96
63.000	1.00
74.000	1.37
88.000	1.95
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	2.71
125.000	3.70
149.000	4.61
177.000	5.43
210.000	6.17
250.000	6.77
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	5.71
350.000	6.44
420.000	5.63
500.000	4.72
590.000	4.47
710.000	3.27
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.59
1000.000	3.97
2000.000	

**Operator notes:**



## Result Analysis Report

**Sample Name:**

8A

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:16:32 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:16:34 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:**

19.60 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.617 %

**Result Emulation:**

Off

**Concentration:**

0.0390 %Vol

**Span :**

2.257

**Uniformity:**

0.734

**Result units:**

Volume

**Specific Surface Area:**

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

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

16.804  $\mu\text{m}$

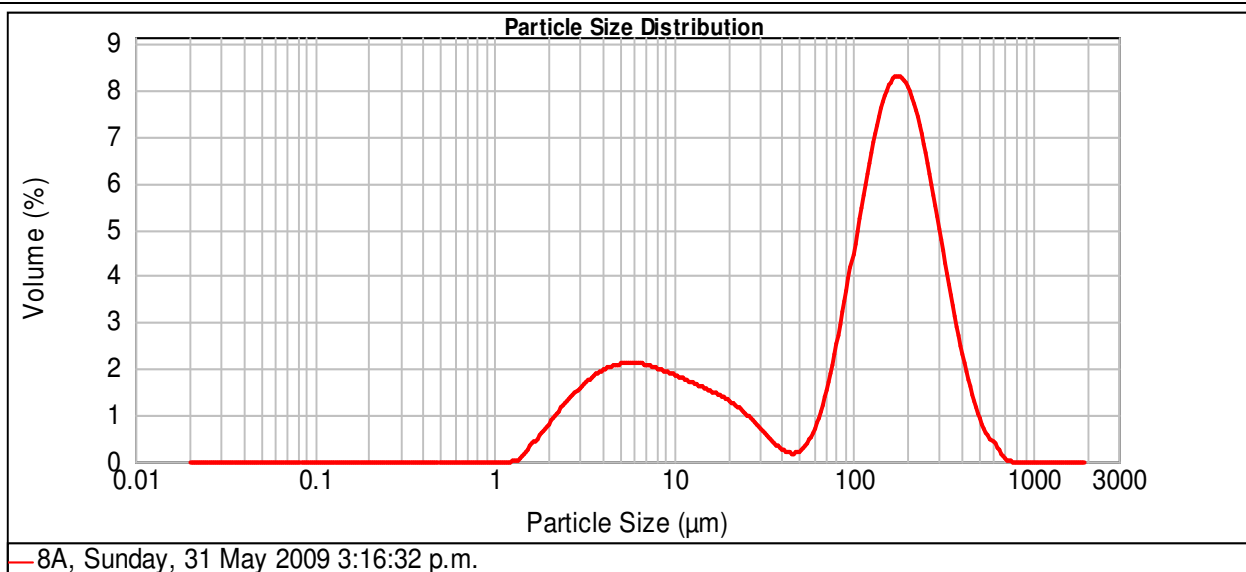
**Vol. Weighted Mean D[4,3]:**

142.117  $\mu\text{m}$

**d(0.1): 4.808  $\mu\text{m}$**

**d(0.5): 132.582  $\mu\text{m}$**

**d(0.9): 303.983  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.97
2.000	6.25
3.900	9.42
7.800	8.17
15.600	5.27
31.000	0.59
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.29
44.000	0.24
53.000	0.57
63.000	1.32
74.000	2.79
88.000	4.75
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.69
125.000	8.43
149.000	9.21
177.000	9.14
210.000	8.40
250.000	7.06
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	4.35
350.000	3.33
420.000	1.73
500.000	0.75
590.000	0.27
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

8Ar

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:25:12 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:25:13 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:**

18.86 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.541 %

**Result Emulation:**

Off

**Concentration:**

0.0302 %Vol

**Span :**

4.743

**Uniformity:**

1.69

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.685  $\mu\text{m}$

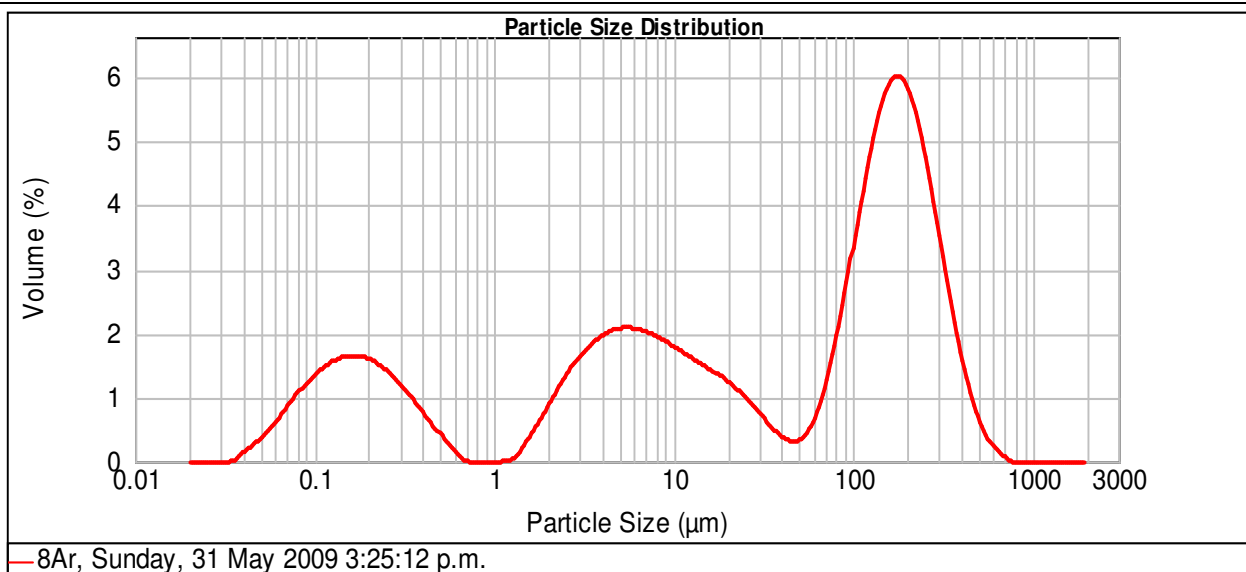
**Vol. Weighted Mean D[4,3]:**

102.838  $\mu\text{m}$

**d(0.1): 0.175  $\mu\text{m}$**

**d(0.5): 56.729  $\mu\text{m}$**

**d(0.9): 269.225  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.55
0.060	5.04
0.120	7.27
0.240	4.71
0.490	0.48
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	1.23
2.000	6.48
3.900	9.28
7.800	7.81
15.600	5.05
31.000	0.67
37.000	0.67

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.43
44.000	0.39
53.000	0.60
63.000	1.12
74.000	2.18
88.000	3.58
105.000	3.58

Size ( $\mu\text{m}$ )	Volume In %
105.000	4.96
125.000	6.19
149.000	6.71
177.000	6.61
210.000	6.03
250.000	5.02
300.000	5.02

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.05
350.000	2.30
420.000	1.16
500.000	0.50
590.000	0.18
710.000	0.00
840.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	0.00

Operator notes:

## Result Analysis Report

**Sample Name:**

9A

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:32:49 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:32:50 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  $\mu$ m

**Obscuration:**

18.21 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.694 %

**Result Emulation:**

Off

**Concentration:**

0.1308 %Vol

**Span :**

1.493

**Uniformity:**

0.466

**Result units:**

Volume

**Specific Surface Area:**

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

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

55.768  $\mu$ m

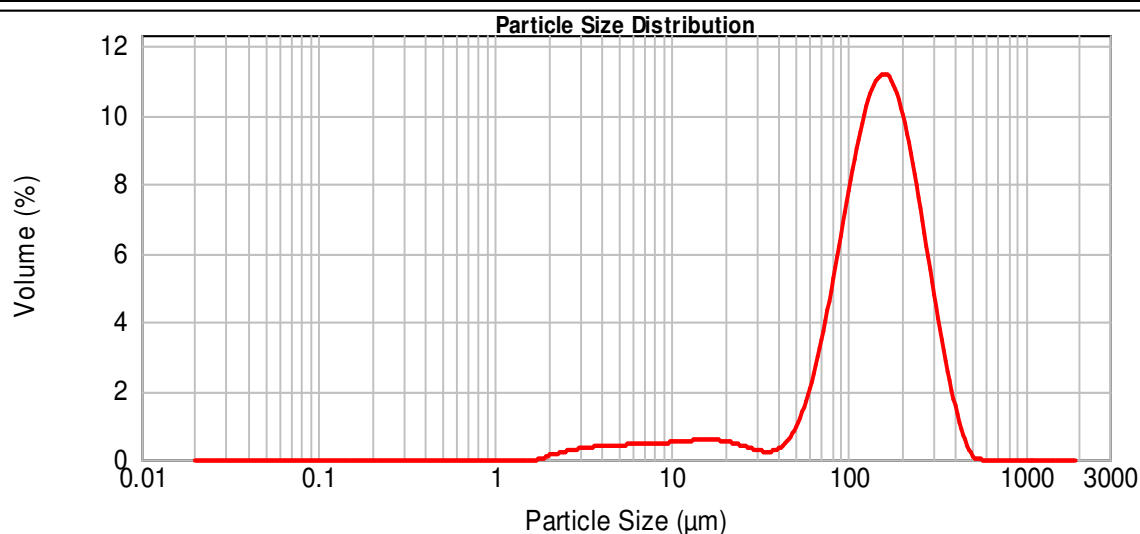
**Vol. Weighted Mean D[4,3]:**

155.924  $\mu$ m

**d(0.1): 57.571  $\mu$ m**

**d(0.5): 144.625  $\mu$ m**

**d(0.9): 273.545  $\mu$ m**



— 9A, Sunday, 31 May 2009 3:32:49 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.04	37.000	0.38	105.000	10.75	300.000	3.86	840.000	0.00
0.060	0.00	2.000	1.19	44.000	0.98	125.000	12.41	350.000	2.26	1000.000	0.00
0.120	0.00	3.900	1.94	53.000	2.02	149.000	12.54	420.000	0.55	2000.000	0.00
0.240	0.00	7.800	2.36	63.000	3.42	177.000	11.54	500.000	0.01		
0.490	0.00	15.600	2.05	74.000	5.84	210.000	9.74	590.000	0.00		
0.700	0.00	31.000	0.27	88.000	8.53	250.000	7.32	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

9Ar

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:41:06 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:41:07 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:**

19.08 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.640 %

**Result Emulation:**

Off

**Concentration:**

0.1272 %Vol

**Span :**

1.609

**Uniformity:**

0.486

**Result units:**

Volume

**Specific Surface Area:**

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

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

51.398  $\mu\text{m}$

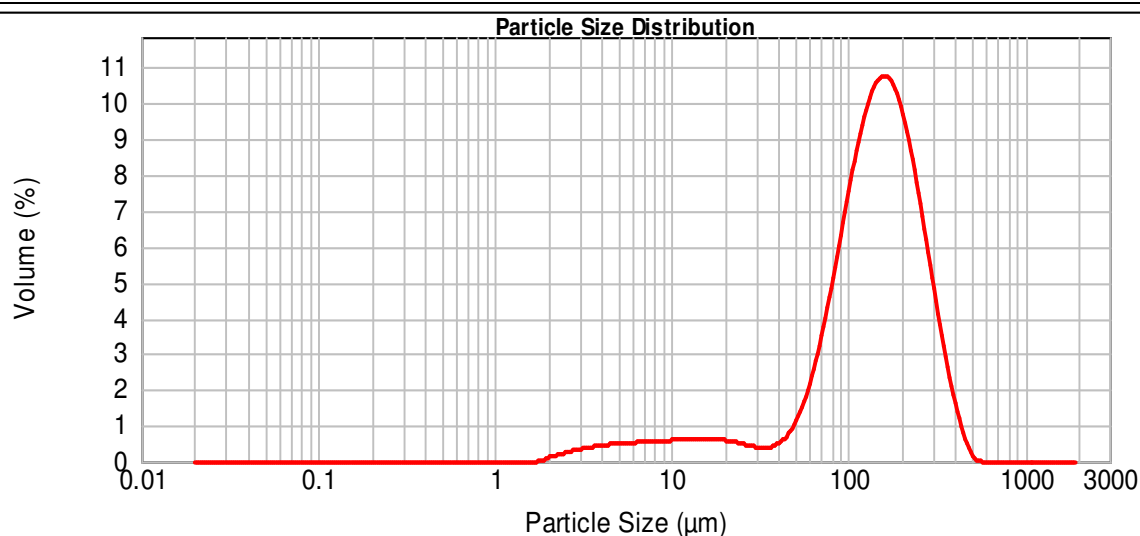
**Vol. Weighted Mean D[4,3]:**

153.941  $\mu\text{m}$

**d(0.1): 45.296  $\mu\text{m}$**

**d(0.5): 142.781  $\mu\text{m}$**

**d(0.9): 275.072  $\mu\text{m}$**



— 9Ar, Sunday, 31 May 2009 3:41:06 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.04
2.000	1.29
3.900	2.31
7.800	2.74
15.600	2.44
31.000	0.46
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.59
44.000	1.20
53.000	2.18
63.000	3.46
74.000	5.74
88.000	8.26
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	10.34
125.000	11.93
149.000	12.10
177.000	11.20
210.000	9.55
250.000	7.27
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.90
350.000	2.36
420.000	0.64
500.000	0.01
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

Operator notes:

## Result Analysis Report

**Sample Name:**

10A

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:48:45 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:48:46 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:**

18.90 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.598 %

**Result Emulation:**

Off

**Concentration:**

0.0944 %Vol

**Span :**

1.495

**Uniformity:**

0.382

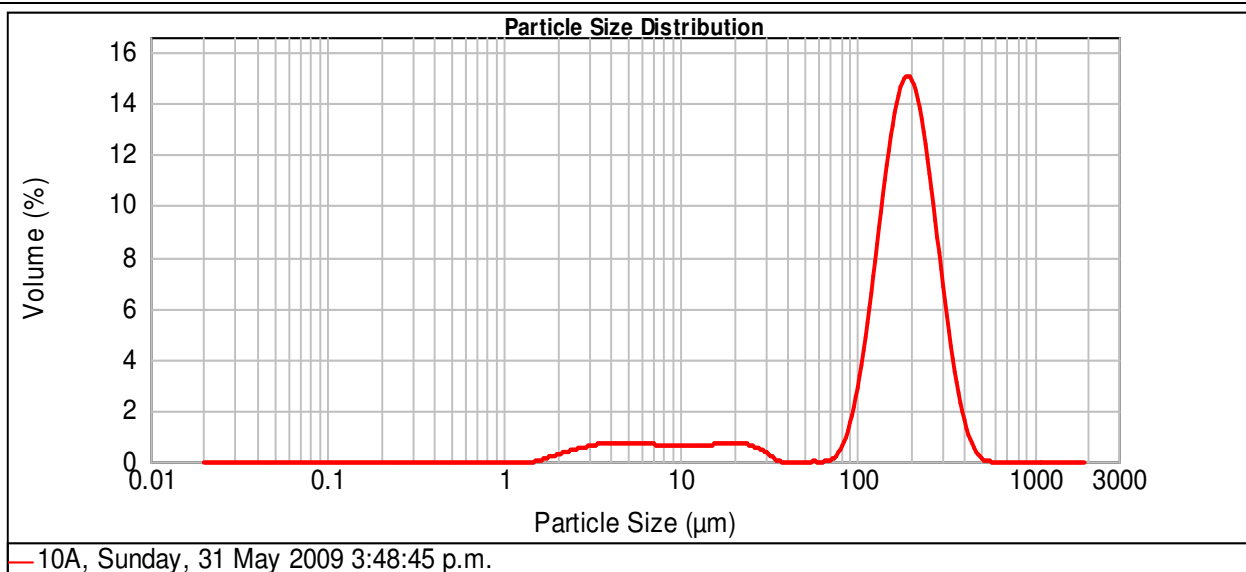
**Result units:**

Volume

**Specific Surface Area:**

0.146  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

41.150  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

179.249  $\mu\text{m}$ 
**d(0.1): 21.290  $\mu\text{m}$** 
**d(0.5): 179.227  $\mu\text{m}$** 
**d(0.9): 289.211  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.24	37.000	0.00	105.000	6.61	300.000	5.20	840.000	0.00
0.060	0.00	2.000	2.33	44.000	0.00	125.000	11.64	350.000	2.51	1000.000	0.00
0.120	0.00	3.900	3.22	53.000	0.00	149.000	15.52	420.000	0.51	2000.000	0.00
0.240	0.00	7.800	2.78	63.000	0.04	177.000	16.80	500.000	0.01		
0.490	0.00	15.600	2.84	74.000	0.67	210.000	15.14	590.000	0.00		
0.700	0.00	31.000	0.12	88.000	2.77	250.000	11.06	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

10Ar

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 3:55:25 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 3:55:26 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:**

19.21 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.709 %

**Result Emulation:**

Off

**Concentration:**

0.0565 %Vol

**Span :**

1.710

**Uniformity:**

0.487

**Result units:**

Volume

**Specific Surface Area:**

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

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

24.663  $\mu\text{m}$

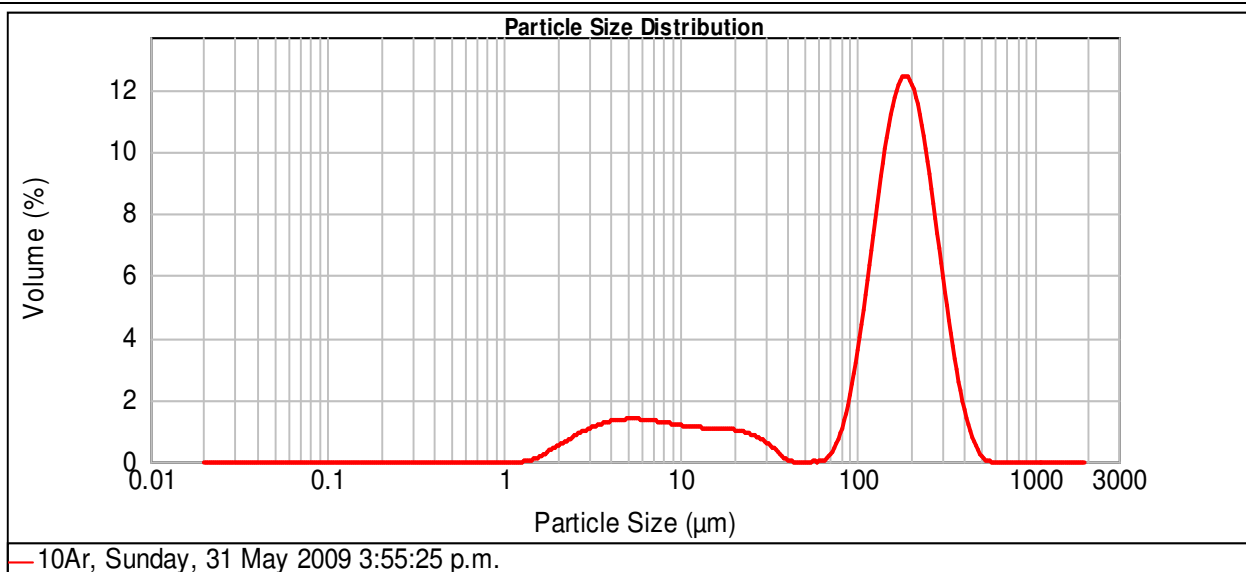
**Vol. Weighted Mean D[4,3]:**

159.002  $\mu\text{m}$

**d(0.1): 7.094  $\mu\text{m}$**

**d(0.5): 162.583  $\mu\text{m}$**

**d(0.9): 285.055  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.59	37.000	0.05	105.000	7.00	300.000	4.66	840.000	0.00
0.060	0.00	2.000	4.13	44.000	0.00	125.000	10.85	350.000	2.52	1000.000	0.00
0.120	0.00	3.900	6.09	53.000	-0.00	149.000	13.33	420.000	0.64	2000.000	0.00
0.240	0.00	7.800	5.21	63.000	0.17	177.000	13.80	500.000	0.01		
0.490	0.00	15.600	4.17	74.000	1.19	210.000	12.32	590.000	0.00		
0.700	0.00	31.000	0.46	88.000	3.56	250.000	9.26	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
10B

**SOP Name:**  
Marine Sediment

**Measured:**  
Sunday, 31 May 2009 4:04:37 p.m.

**Sample Source & type:**

**Measured by:**  
tme7

**Analysed:**  
Sunday, 31 May 2009 4:04:38 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:**  
18.16 %

**Dispersant Name:**  
Water

**Dispersant RI:**  
1.330

**Weighted Residual:**  
0.703 %

**Result Emulation:**  
Off

**Concentration:**  
0.0641 %Vol

**Span :**  
1.656

**Uniformity:**  
0.448

**Result units:**  
Volume

**Specific Surface Area:**  
0.202  $\text{m}^2/\text{g}$

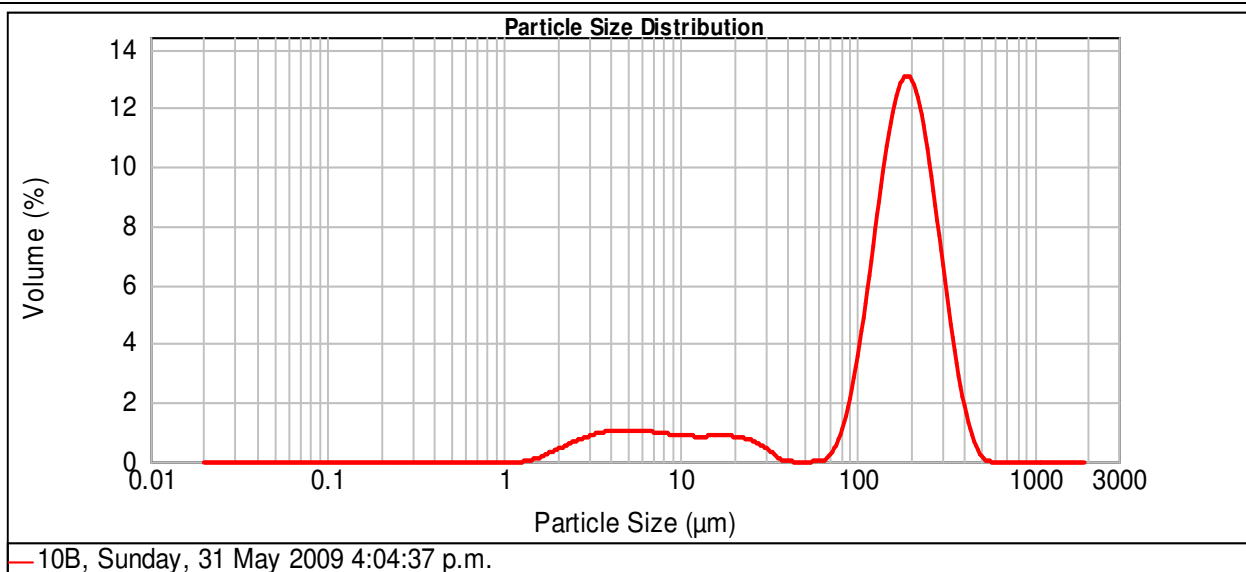
**Surface Weighted Mean D[3,2]:**  
29.728  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
169.438  $\mu\text{m}$

**d(0.1):** 9.800  $\mu\text{m}$

**d(0.5):** 170.662  $\mu\text{m}$

**d(0.9):** 292.393  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.50	37.000	0.01	105.000	7.02	300.000	5.24	840.000	0.00
0.060	0.00	2.000	3.38	44.000	0.00	125.000	11.02	350.000	2.86	1000.000	0.00
0.120	0.00	3.900	4.74	53.000	0.00	149.000	13.78	420.000	0.71	2000.000	0.00
0.240	0.00	7.800	4.02	63.000	0.18	177.000	14.57	500.000	0.01		
0.490	0.00	15.600	3.40	74.000	1.21	210.000	13.30	590.000	0.00		
0.700	0.00	31.000	0.26	88.000	3.56	250.000	10.23	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

10Br

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 4:12:25 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 4:12:26 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:**

18.87 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.652 %

**Result Emulation:**

Off

**Concentration:**

0.0667 %Vol

**Span :**

1.657

**Uniformity:**

0.449

**Result units:**

Volume

**Specific Surface Area:**

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

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

29.639  $\mu\text{m}$

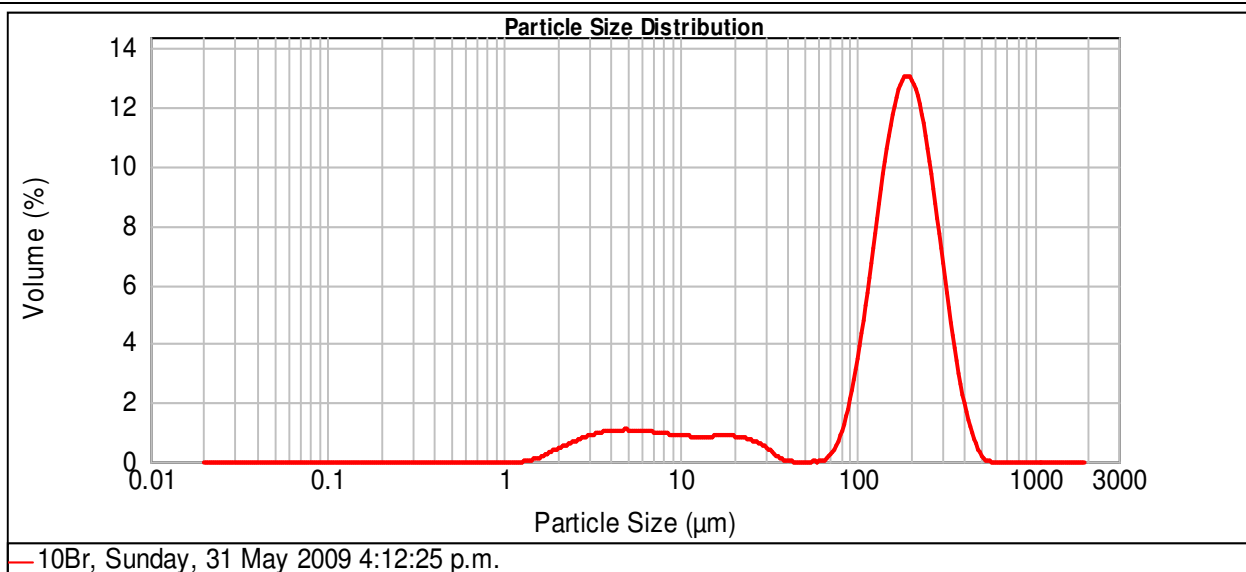
**Vol. Weighted Mean D[4,3]:**

170.045  $\mu\text{m}$

**d(0.1): 9.763  $\mu\text{m}$**

**d(0.5): 171.298  $\mu\text{m}$**

**d(0.9): 293.632  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.50	37.000	0.02	105.000	6.92	300.000	5.32	840.000	0.00
0.060	0.00	2.000	3.40	44.000	0.00	125.000	10.92	350.000	2.94	1000.000	0.00
0.120	0.00	3.900	4.74	53.000	-0.00	149.000	13.72	420.000	0.75	2000.000	0.00
0.240	0.00	7.800	3.99	63.000	0.17	177.000	14.57	500.000	0.01		
0.490	0.00	15.600	3.45	74.000	1.16	210.000	13.35	590.000	0.00		
0.700	0.00	31.000	0.29	88.000	3.48	250.000	10.31	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**

11A

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 5:24:17 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 5:24:19 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:**

18.41 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.606 %

**Result Emulation:**

Off

**Concentration:**

0.0689 %Vol

**Span :**

1.994

**Uniformity:**

0.583

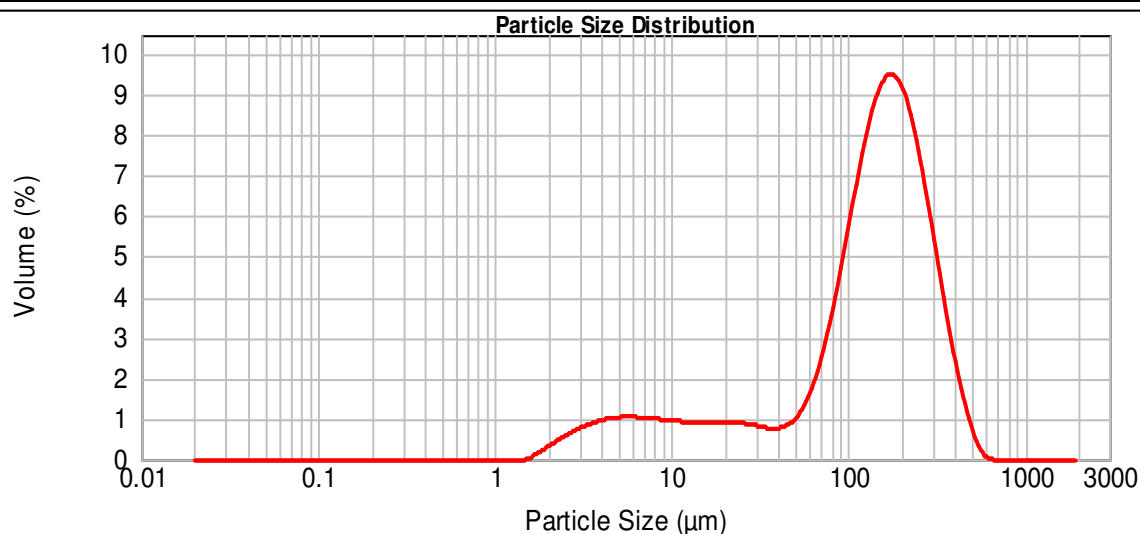
**Result units:**

Volume

**Specific Surface Area:**

0.196  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

30.691  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

154.247  $\mu\text{m}$ 
**d(0.1): 10.778  $\mu\text{m}$** 
**d(0.5): 143.895  $\mu\text{m}$** 
**d(0.9): 297.668  $\mu\text{m}$** 


— 11A, Sunday, 31 May 2009 5:24:17 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.28	37.000	0.88	105.000	8.21	300.000	4.63	840.000	0.00
0.060	0.00	2.000	2.99	44.000	1.17	125.000	9.96	350.000	3.31	1000.000	0.00
0.120	0.00	3.900	4.66	53.000	1.67	149.000	10.63	420.000	1.44	2000.000	0.00
0.240	0.00	7.800	4.32	63.000	2.50	177.000	10.39	500.000	0.33		
0.490	0.00	15.600	4.08	74.000	4.18	210.000	9.42	590.000	0.00		
0.700	0.00	31.000	0.91	88.000	6.25	250.000	7.76	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11Ar

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 5:31:33 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 5:31:34 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  $\mu$ m

**Obscuration:**

19.51 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.612 %

**Result Emulation:**

Off

**Concentration:**

0.0639 %Vol

**Span :**

2.041

**Uniformity:**

0.612

**Result units:**

Volume

**Specific Surface Area:**

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

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

26.641  $\mu$ m

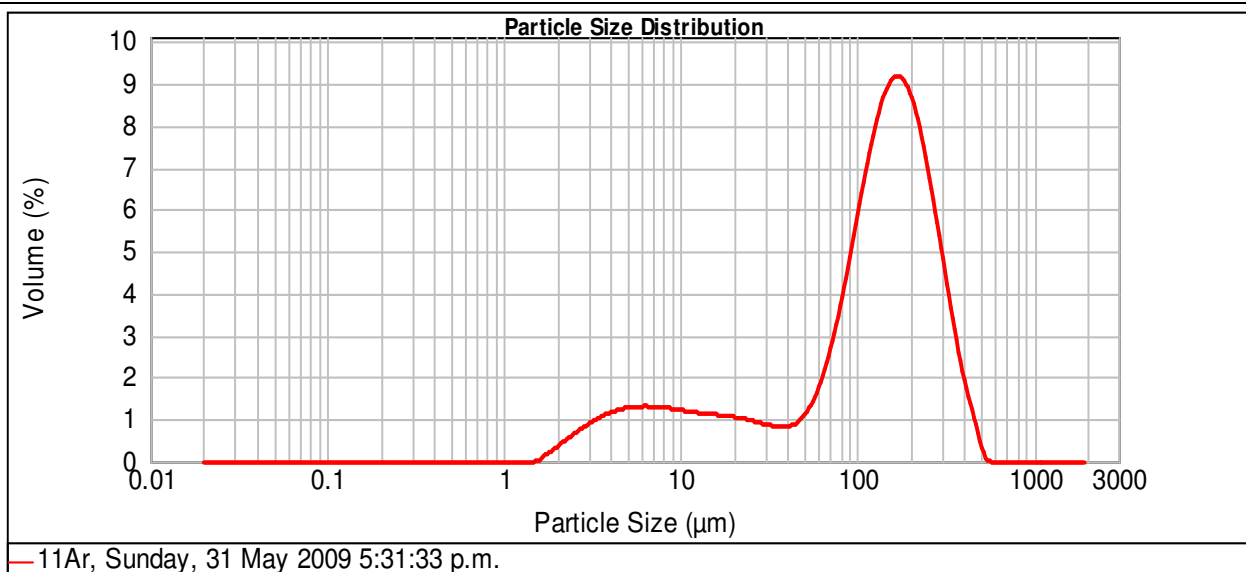
**Vol. Weighted Mean D[4,3]:**

142.536  $\mu$ m

**d(0.1): 8.246  $\mu$ m**

**d(0.5): 133.908  $\mu$ m**

**d(0.9): 281.567  $\mu$ m**



Size ( $\mu$ m)	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu$ m)	Volume In %
0.980	0.30
2.000	3.45
3.900	5.78
7.800	5.43
15.600	4.57
31.000	0.97
37.000	

Size ( $\mu$ m)	Volume In %
37.000	0.95
44.000	1.28
53.000	1.81
63.000	2.67
74.000	4.38
88.000	6.42
105.000	

Size ( $\mu$ m)	Volume In %
105.000	8.27
125.000	9.85
149.000	10.33
177.000	9.91
210.000	8.78
250.000	7.02
300.000	

Size ( $\mu$ m)	Volume In %
300.000	4.03
350.000	2.70
420.000	1.07
500.000	0.03
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu$ m)	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11B

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 5:40:19 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 5:40:20 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:**

19.99 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.116 %

**Result Emulation:**

Off

**Concentration:**

0.6083 %Vol

**Span :**

0.977

**Uniformity:**

0.303

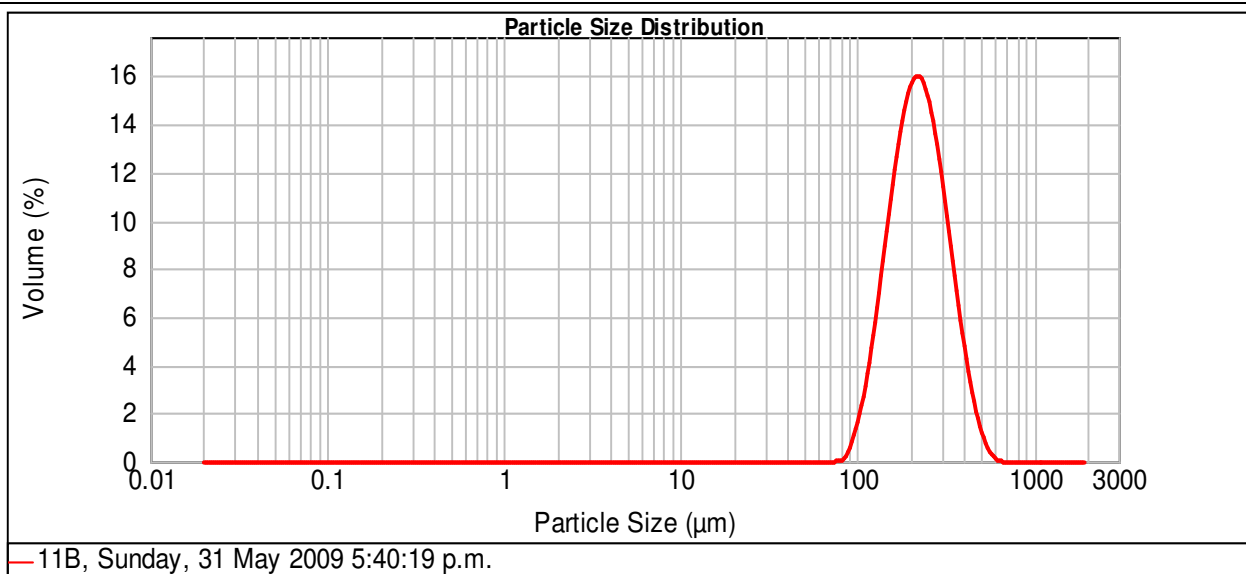
**Result units:**

Volume

**Specific Surface Area:**

0.0293  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

204.450  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

232.216  $\mu\text{m}$ 
**d(0.1): 136.368  $\mu\text{m}$** 
**d(0.5): 217.462  $\mu\text{m}$** 
**d(0.9): 348.778  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.00	37.000	0.00	105.000	4.52	300.000	9.72	840.000	0.00
0.060	0.00	2.000	0.00	44.000	0.00	125.000	9.23	350.000	6.64	1000.000	0.00
0.120	0.00	3.900	0.00	53.000	0.00	149.000	13.90	420.000	2.59	2000.000	0.00
0.240	0.00	7.800	0.00	63.000	0.00	177.000	17.14	500.000	0.58		
0.490	0.00	15.600	0.00	74.000	0.08	210.000	18.03	590.000	0.00		
0.700	0.00	31.000	0.00	88.000	1.46	250.000	16.10	710.000	0.00		
0.980	0.00	37.000	0.00	105.000	0.00	300.000	0.00	840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11Br

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 31 May 2009 5:49:00 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 31 May 2009 5:49:01 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:**

18.31 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.160 %

**Result Emulation:**

Off

**Concentration:**

0.4836 %Vol

**Span :**

0.964

**Uniformity:**

0.297

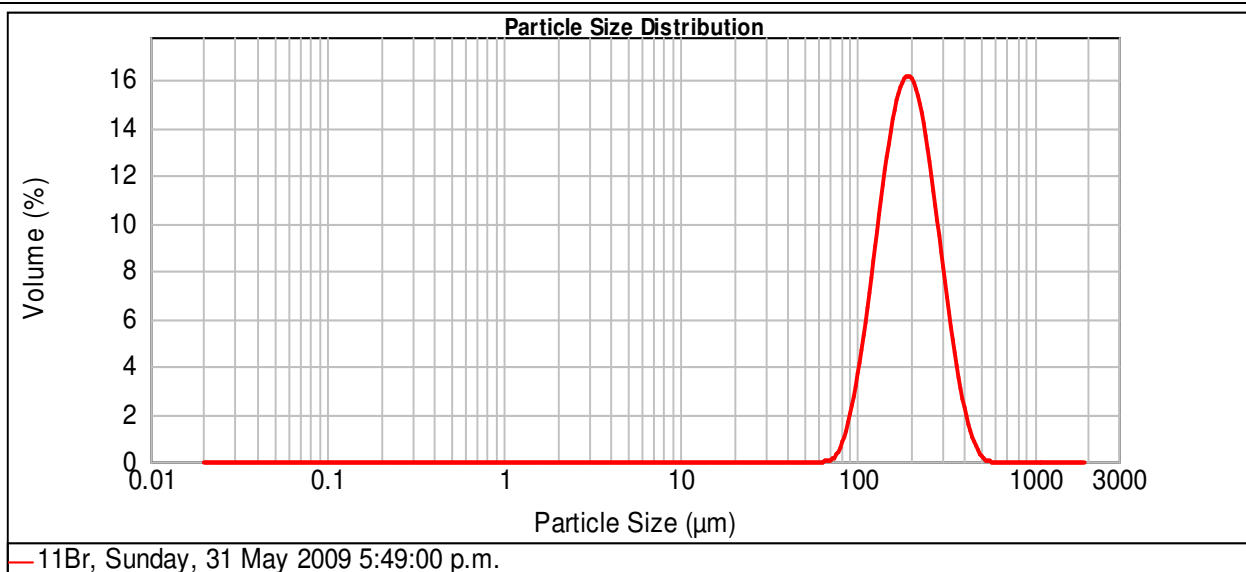
**Result units:**

Volume

**Specific Surface Area:**

0.0335  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

179.329  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

203.135  $\mu\text{m}$ 
**d(0.1): 119.985  $\mu\text{m}$** 
**d(0.5): 190.717  $\mu\text{m}$** 
**d(0.9): 303.753  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.00
2.000	0.00
3.900	0.00
7.800	0.00
15.600	0.00
31.000	0.00
37.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.00
44.000	0.00
53.000	0.00
63.000	0.00
74.000	0.02
88.000	0.88
105.000	3.55

Size ( $\mu\text{m}$ )	Volume In %
105.000	7.84
125.000	13.02
149.000	16.79
177.000	18.04
210.000	16.55
250.000	12.66
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	6.40
350.000	3.42
420.000	0.82
500.000	0.01
590.000	0.00
710.000	0.00
840.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11C

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 10:51:35 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 10:51:36 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:**

18.18 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.774 %

**Result Emulation:**

Off

**Concentration:**

0.1255 %Vol

**Span :**

1.683

**Uniformity:**

0.47

**Result units:**

Volume

**Specific Surface Area:**

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

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

54.584  $\mu\text{m}$

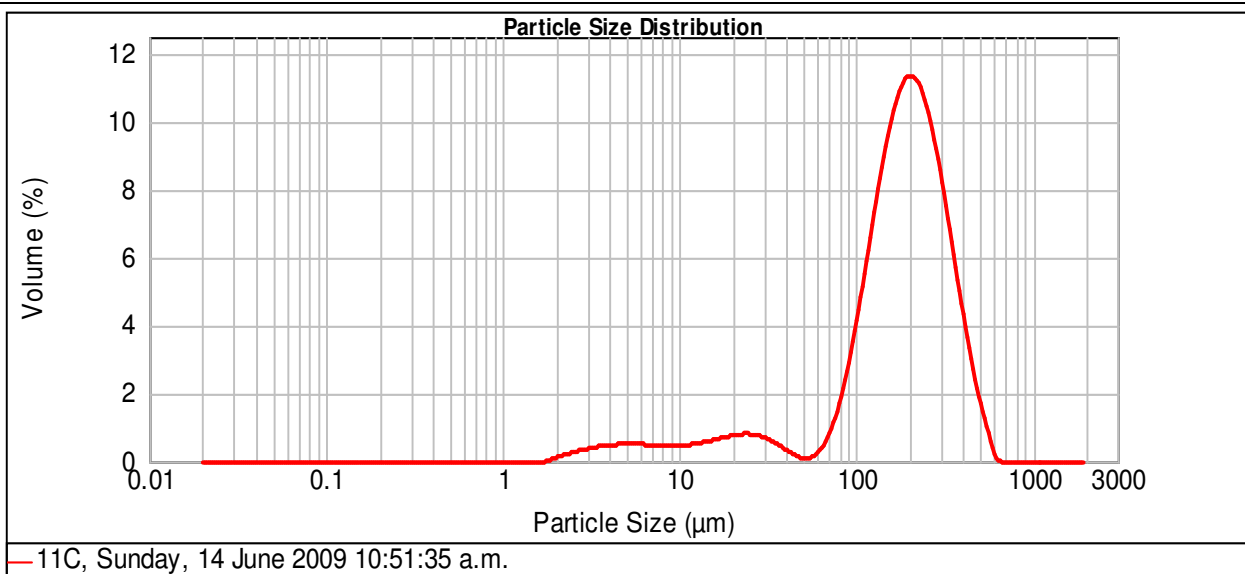
**Vol. Weighted Mean D[4,3]:**

197.152  $\mu\text{m}$

**d(0.1): 35.419  $\mu\text{m}$**

**d(0.5): 185.456  $\mu\text{m}$**

**d(0.9): 347.607  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.04
2.000	1.44
3.900	2.26
7.800	2.33
15.600	3.41
31.000	0.66
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.36
44.000	0.14
53.000	0.21
63.000	0.76
74.000	2.12
88.000	4.33
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.98
125.000	9.80
149.000	11.75
177.000	12.65
210.000	12.51
250.000	11.24
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	7.29
350.000	5.76
420.000	2.90
500.000	1.05
590.000	0.01
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11Cr

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 11:05:31 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 11:05:32 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:**

17.51 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.762 %

**Result Emulation:**

Off

**Concentration:**

0.1425 %Vol

**Span :**

1.330

**Uniformity:**

0.419

**Result units:**

Volume

**Specific Surface Area:**

0.0943  $\text{m}^2/\text{g}$

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

63.636  $\mu\text{m}$

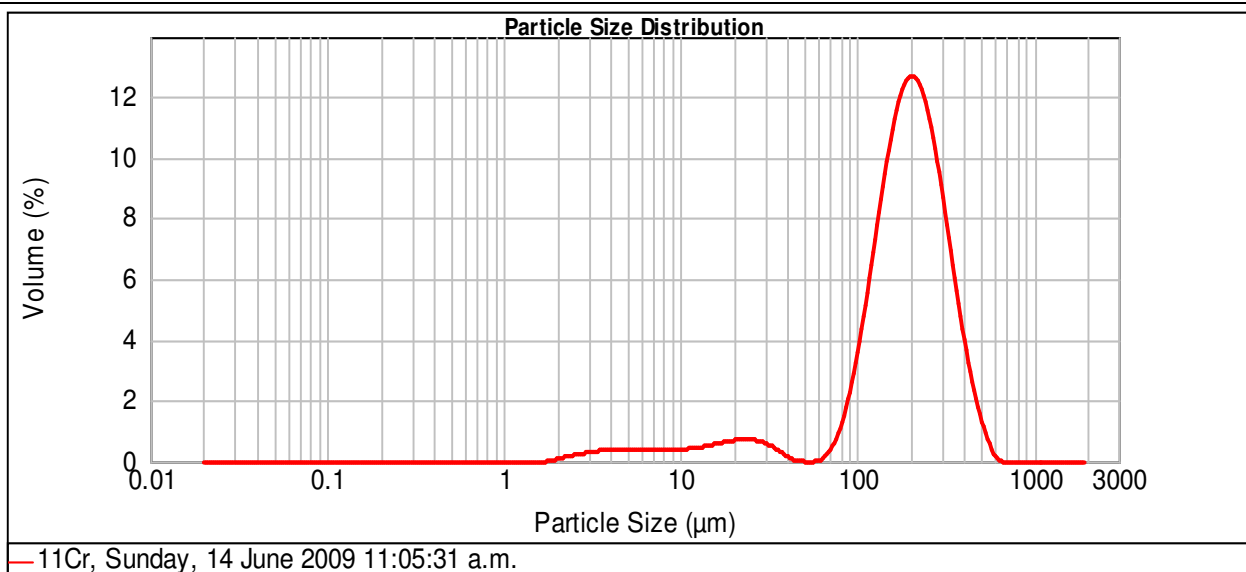
**Vol. Weighted Mean D[4,3]:**

201.198  $\mu\text{m}$

**d(0.1): 84.876  $\mu\text{m}$**

**d(0.5): 191.127  $\mu\text{m}$**

**d(0.9): 339.013  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.03
2.000	1.12
3.900	1.84
7.800	1.99
15.600	3.01
31.000	0.51
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.17
44.000	0.01
53.000	0.01
63.000	0.01
74.000	0.32
88.000	1.44
105.000	3.64

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.67
125.000	10.18
149.000	12.80
177.000	14.09
210.000	13.90
250.000	12.13
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	7.48
350.000	5.46
420.000	2.45
500.000	0.76
590.000	0.01
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11D

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 11:17:49 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 11:17:50 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:**

18.86 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.674 %

**Result Emulation:**

Off

**Concentration:**

0.0450 %Vol

**Span :**

2.083

**Uniformity:**

0.649

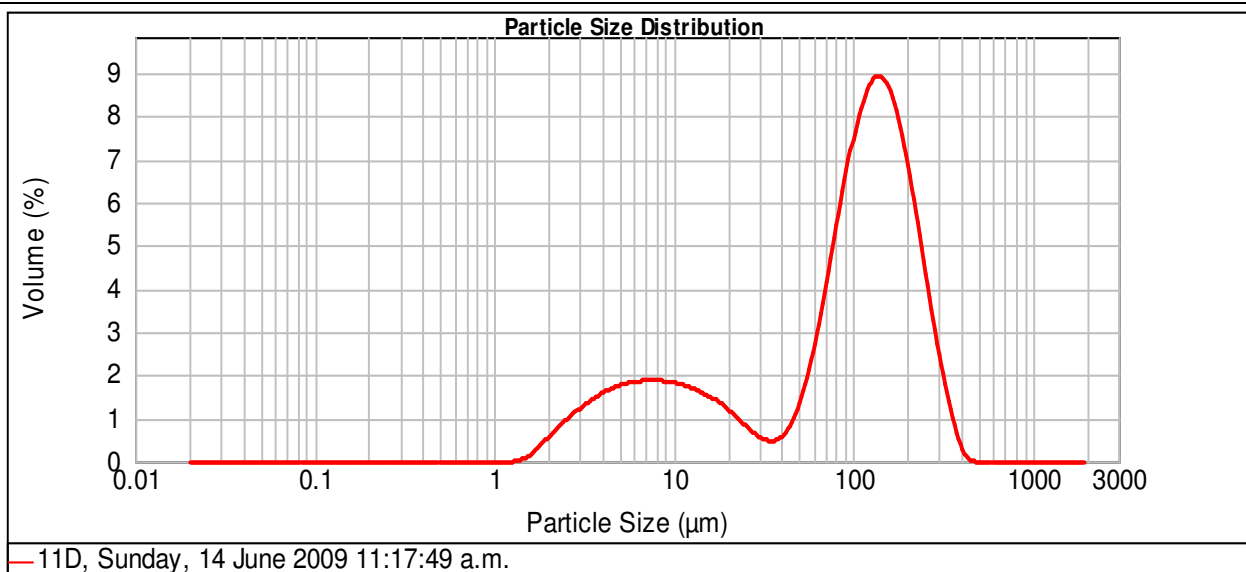
**Result units:**

Volume

**Specific Surface Area:**

0.304  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

19.705  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

111.200  $\mu\text{m}$ 
**d(0.1): 5.876  $\mu\text{m}$** 
**d(0.5): 105.958  $\mu\text{m}$** 
**d(0.9): 226.583  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.58
2.000	4.79
3.900	8.09
7.800	7.99
15.600	4.64
31.000	0.56
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.68
44.000	1.41
53.000	2.54
63.000	3.89
74.000	6.12
88.000	8.23
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	9.60
125.000	10.24
149.000	9.56
177.000	8.09
210.000	6.23
250.000	4.16
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	1.85
350.000	0.73
420.000	0.02
500.000	0.00
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

11Dr

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 11:30:21 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 11:30:22 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:**

18.26 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.552 %

**Result Emulation:**

Off

**Concentration:**

0.0412 %Vol

**Span :**

2.092

**Uniformity:**

0.652

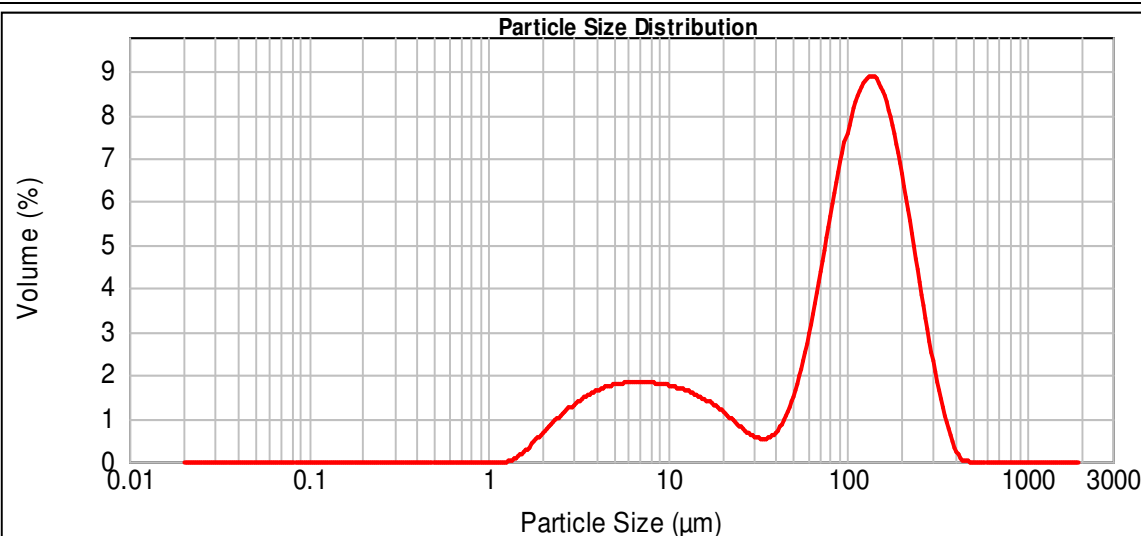
**Result units:**

Volume

**Specific Surface Area:**

0.317  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

18.910  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

108.822  $\mu\text{m}$ 
**d(0.1): 5.603  $\mu\text{m}$** 
**d(0.5): 103.486  $\mu\text{m}$** 
**d(0.9): 222.091  $\mu\text{m}$** 


— 11Dr, Sunday, 14 June 2009 11:30:21 a.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.76	37.000	0.79	105.000	9.67	300.000	1.68	840.000	0.00
0.060	0.00	2.000	5.14	44.000	1.59	125.000	10.19	350.000	0.62	1000.000	0.00
0.120	0.00	3.900	8.05	53.000	2.75	149.000	9.39	420.000	0.02	2000.000	0.00
0.240	0.00	7.800	7.69	63.000	4.11	177.000	7.85	500.000	0.00		
0.490	0.00	15.600	4.53	74.000	6.34	210.000	5.94	590.000	0.00		
0.700	0.00	31.000	0.61	88.000	8.41	250.000	3.88	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**



## Result Analysis Report

**Sample Name:**

12A

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 11:39:12 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 11:39:13 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:**

17.62 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.751 %

**Result Emulation:**

Off

**Concentration:**

0.0473 %Vol

**Span :**

2.414

**Uniformity:**

0.878

**Result units:**

Volume

**Specific Surface Area:**

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

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

22.652  $\mu\text{m}$

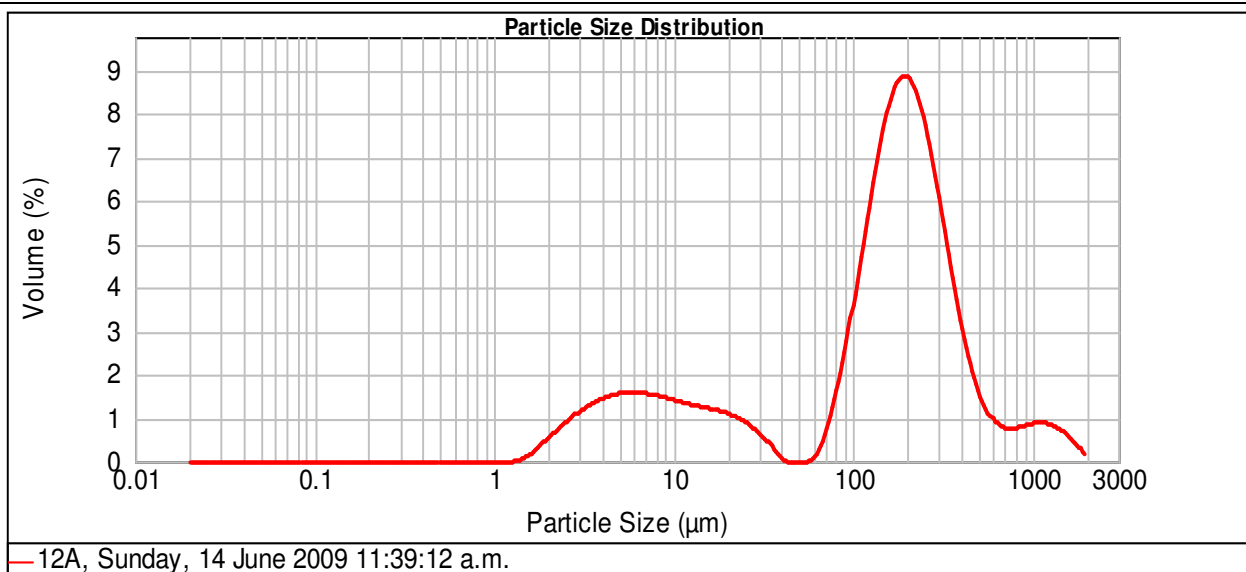
**Vol. Weighted Mean D[4,3]:**

219.970  $\mu\text{m}$

**d(0.1): 6.325  $\mu\text{m}$**

**d(0.5): 168.240  $\mu\text{m}$**

**d(0.9): 412.487  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.60
2.000	4.50
3.900	7.05
7.800	6.24
15.600	4.43
31.000	0.49
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.07
44.000	0.00
53.000	0.02
63.000	0.53
74.000	1.78
88.000	3.72
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	5.91
125.000	8.10
149.000	9.45
177.000	9.90
210.000	9.53
250.000	8.36
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	5.36
350.000	4.30
420.000	2.45
500.000	1.36
590.000	1.02
710.000	0.84
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.96
1000.000	3.03
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12Ar

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 11:47:30 a.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 11:47:31 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:**

18.39 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.894 %

**Result Emulation:**

Off

**Concentration:**

0.0415 %Vol

**Span :**

4.331

**Uniformity:**

1.23

**Result units:**

Volume

**Specific Surface Area:**

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

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

19.235  $\mu\text{m}$

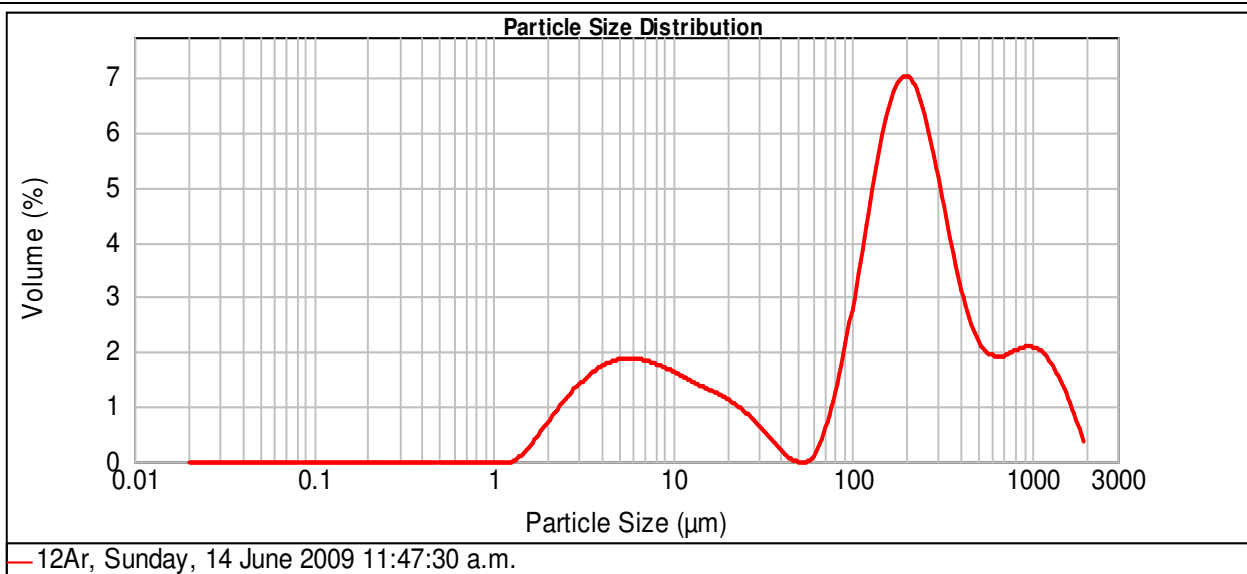
**Vol. Weighted Mean D[4,3]:**

281.187  $\mu\text{m}$

**d(0.1): 5.295  $\mu\text{m}$**

**d(0.5): 176.365  $\mu\text{m}$**

**d(0.9): 769.112  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.87
2.000	5.51
3.900	8.34
7.800	7.12
15.600	4.58
31.000	0.54
37.000	0.54

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.22
44.000	0.01
53.000	0.02
63.000	0.46
74.000	1.40
88.000	2.87
105.000	2.87

Size ( $\mu\text{m}$ )	Volume In %
105.000	4.56
125.000	6.28
149.000	7.39
177.000	7.84
210.000	7.69
250.000	6.95
300.000	6.95

Size ( $\mu\text{m}$ )	Volume In %
300.000	4.70
350.000	4.17
420.000	2.91
500.000	2.22
590.000	2.32
710.000	2.20
840.000	2.20

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.38
1000.000	6.45
2000.000	6.45

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12B

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 12:12:54 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 12:12:55 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:**

19.08 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.737 %

**Result Emulation:**

Off

**Concentration:**

0.0464 %Vol

**Span :**

2.408

**Uniformity:**

0.842

**Result units:**

Volume

**Specific Surface Area:**

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

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

20.376  $\mu\text{m}$

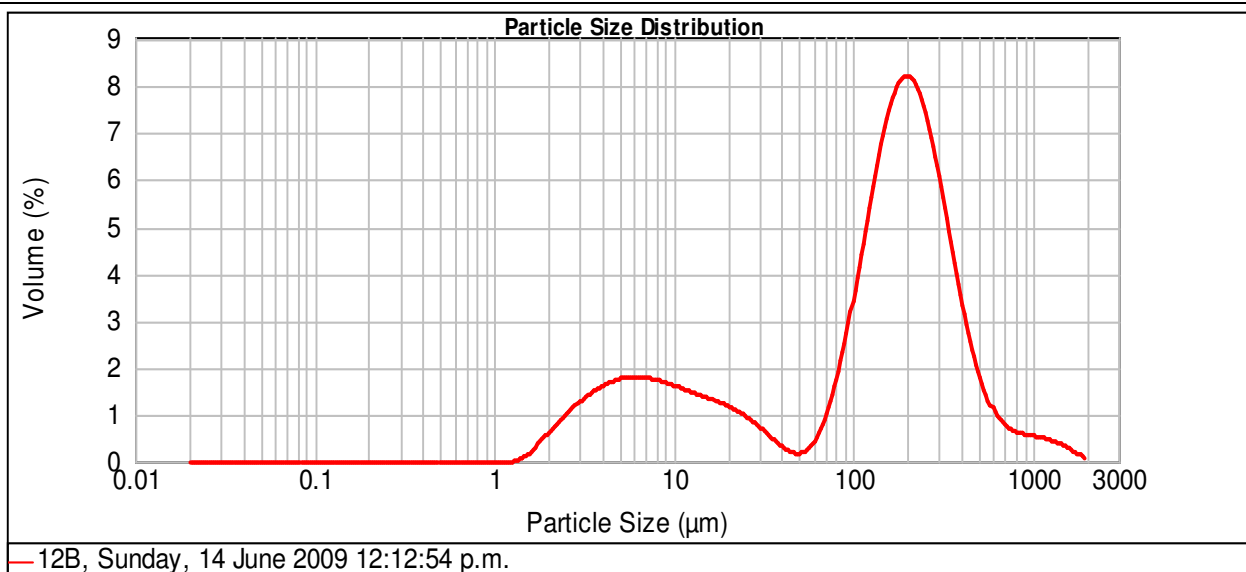
**Vol. Weighted Mean D[4,3]:**

196.928  $\mu\text{m}$

**d(0.1): 5.718  $\mu\text{m}$**

**d(0.5): 160.574  $\mu\text{m}$**

**d(0.9): 392.385  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.68	37.000	0.35	105.000	5.48	300.000	5.47	840.000	0.65
0.060	0.00	2.000	5.01	44.000	0.22	125.000	7.40	350.000	4.63	1000.000	1.60
0.120	0.00	3.900	7.94	53.000	0.35	149.000	8.64	420.000	2.81	2000.000	
0.240	0.00	7.800	7.09	63.000	0.84	177.000	9.17	500.000	1.61		
0.490	0.00	15.600	4.81	74.000	1.95	210.000	9.03	590.000	1.10		
0.700	0.00	31.000	0.64	88.000	3.61	250.000	8.18	710.000	0.72		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12Br

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 12:25:13 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 12:25:14 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:**

18.42 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.939 %

**Result Emulation:**

Off

**Concentration:**

0.0565 %Vol

**Span :**

4.269

**Uniformity:**

1.18

**Result units:**

Volume

**Specific Surface Area:**

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

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

25.709  $\mu\text{m}$

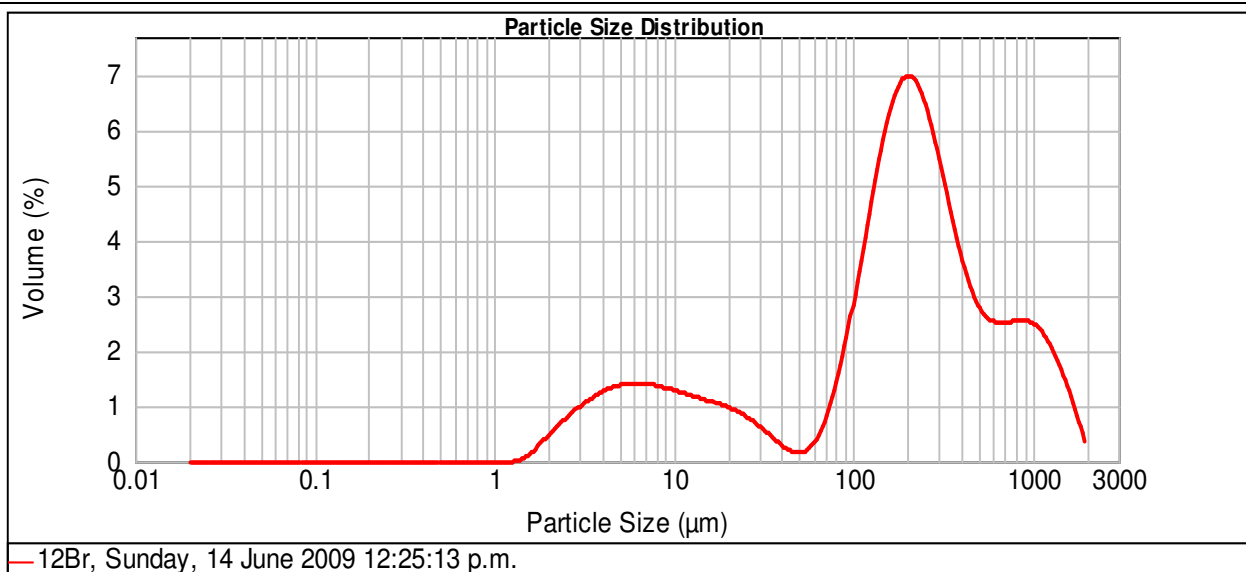
**Vol. Weighted Mean D[4,3]:**

317.000  $\mu\text{m}$

**d(0.1): 7.276  $\mu\text{m}$**

**d(0.5): 197.841  $\mu\text{m}$**

**d(0.9): 851.912  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.51
2.000	3.89
3.900	6.23
7.800	5.67
15.600	4.03
31.000	0.56
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.32
44.000	0.20
53.000	0.29
63.000	0.69
74.000	1.60
88.000	2.98
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	4.55
125.000	6.18
149.000	7.26
177.000	7.77
210.000	7.75
250.000	7.21
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	5.07
350.000	4.75
420.000	3.56
500.000	2.87
590.000	3.04
710.000	2.79
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.91
1000.000	7.33
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12C

**SOP Name:**

Marine Sediment

**Measured:**

Sunday, 14 June 2009 2:29:18 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Sunday, 14 June 2009 2:29:19 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:**

18.94 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.700 %

**Result Emulation:**

Off

**Concentration:**

0.0772 %Vol

**Span :**

1.684

**Uniformity:**

0.458

**Result units:**

Volume

**Specific Surface Area:**

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

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

33.292  $\mu\text{m}$

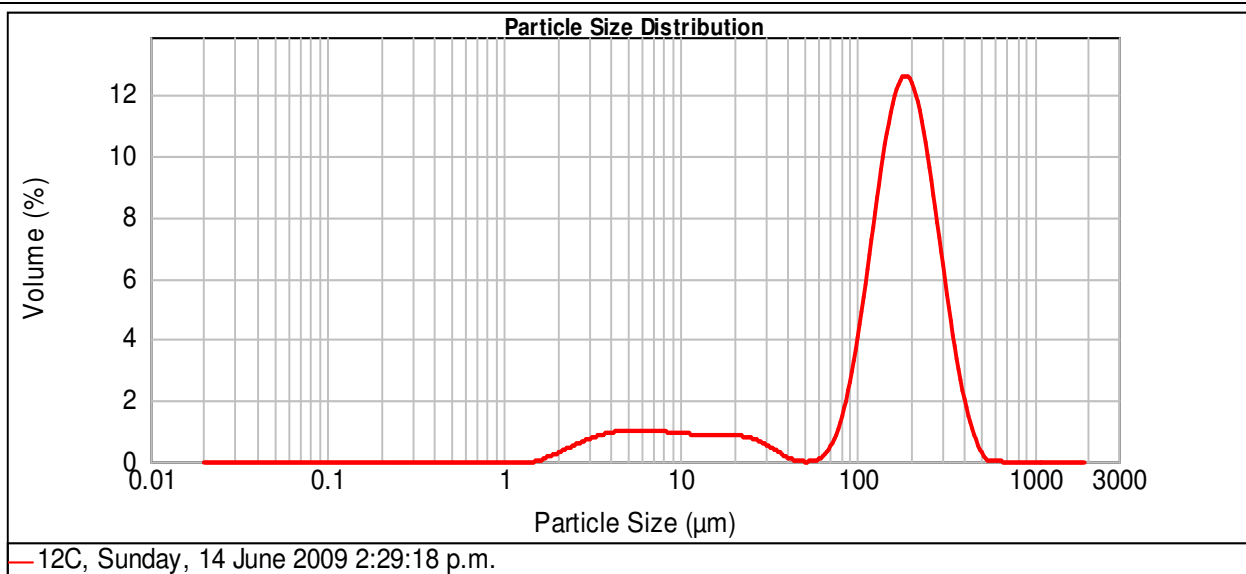
**Vol. Weighted Mean D[4,3]:**

168.572  $\mu\text{m}$

**d(0.1): 11.458  $\mu\text{m}$**

**d(0.5): 167.541  $\mu\text{m}$**

**d(0.9): 293.605  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.23	37.000	0.14	105.000	7.51	300.000	5.12	840.000	0.00
0.060	0.00	2.000	2.81	44.000	0.01	125.000	11.23	350.000	2.98	1000.000	0.00
0.120	0.00	3.900	4.59	53.000	0.05	149.000	13.57	420.000	0.90	2000.000	0.00
0.240	0.00	7.800	4.16	63.000	0.42	177.000	14.03	500.000	0.06		
0.490	0.00	15.600	3.55	74.000	1.65	210.000	12.66	590.000	0.00		
0.700	0.00	31.000	0.45	88.000	4.13	250.000	9.76	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12Cr

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 7:46:16 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 7:46:18 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  $\mu$ m

**Obscuration:**

18.53 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.029 %

**Result Emulation:**

Off

**Concentration:**

0.0845 %Vol

**Span :**

1.730

**Uniformity:**

0.469

**Result units:**

Volume

**Specific Surface Area:**

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

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

37.182  $\mu$ m

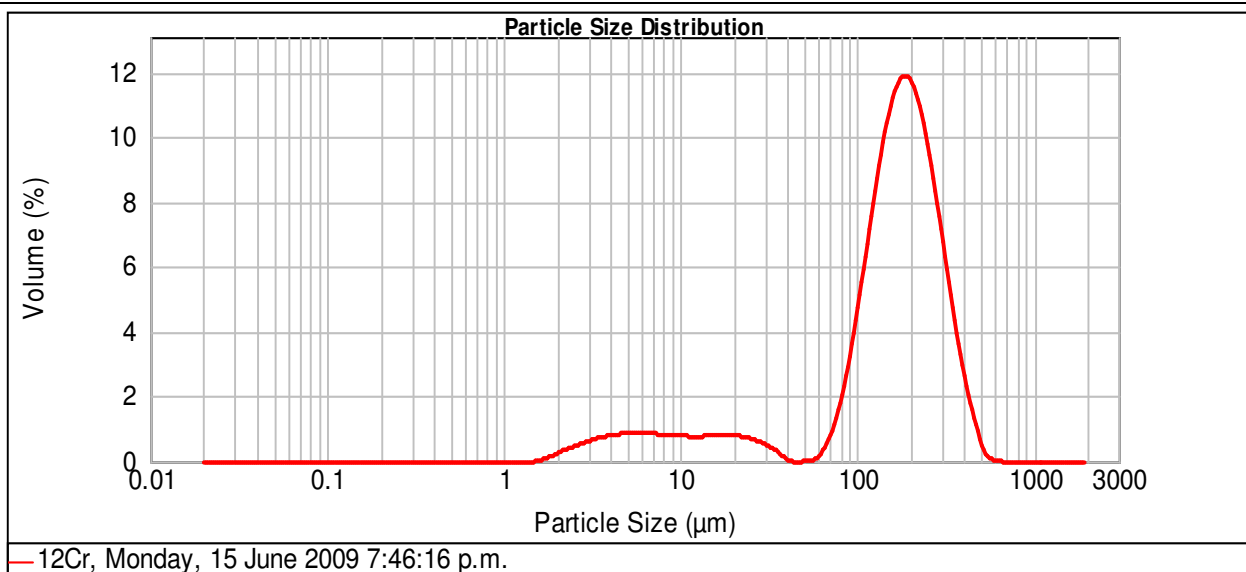
**Vol. Weighted Mean D[4,3]:**

173.886  $\mu$ m

**d(0.1): 15.159  $\mu$ m**

**d(0.5): 168.297  $\mu$ m**

**d(0.9): 306.266  $\mu$ m**



Size ( $\mu$ m)	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu$ m)	Volume In %
0.980	0.21
2.000	2.45
3.900	3.89
7.800	3.60
15.600	3.29
31.000	0.42
37.000	

Size ( $\mu$ m)	Volume In %
37.000	0.06
44.000	0.00
53.000	0.12
63.000	0.73
74.000	2.28
88.000	4.88
105.000	

Size ( $\mu$ m)	Volume In %
105.000	7.97
125.000	11.10
149.000	12.90
177.000	13.21
210.000	12.14
250.000	9.85
300.000	

Size ( $\mu$ m)	Volume In %
300.000	5.63
350.000	3.71
420.000	1.40
500.000	0.16
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu$ m)	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12D

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 7:54:24 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 7:54:26 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:**

18.29 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

1.055 %

**Result Emulation:**

Off

**Concentration:**

0.0569 %Vol

**Span :**

2.088

**Uniformity:**

0.658

**Result units:**

Volume

**Specific Surface Area:**

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

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

25.618  $\mu\text{m}$

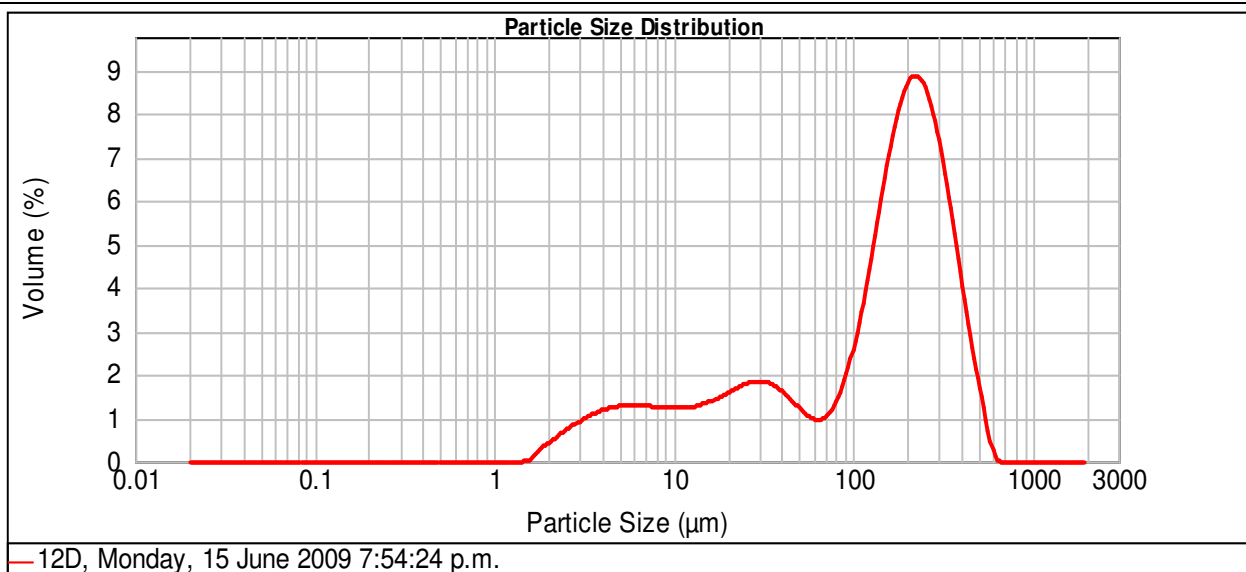
**Vol. Weighted Mean D[4,3]:**

170.198  $\mu\text{m}$

**d(0.1): 8.061  $\mu\text{m}$**

**d(0.5): 163.989  $\mu\text{m}$**

**d(0.9): 350.513  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.37	37.000	1.82	105.000	4.36	300.000	6.73	840.000	0.00
0.060	0.00	2.000	3.61	44.000	1.58	125.000	6.48	350.000	5.70	1000.000	0.00
0.120	0.00	3.900	5.75	53.000	1.15	149.000	8.30	420.000	3.12	2000.000	0.00
0.240	0.00	7.800	5.68	63.000	1.04	177.000	9.55	500.000	1.23		
0.490	0.00	15.600	7.45	74.000	1.54	210.000	10.08	590.000	0.02		
0.700	0.00	31.000	2.08	88.000	2.68	250.000	9.70	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

12Dr

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 8:02:30 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 8:02:31 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:**

17.15 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.989 %

**Result Emulation:**

Off

**Concentration:**

0.0518 %Vol

**Span :**

2.143

**Uniformity:**

0.684

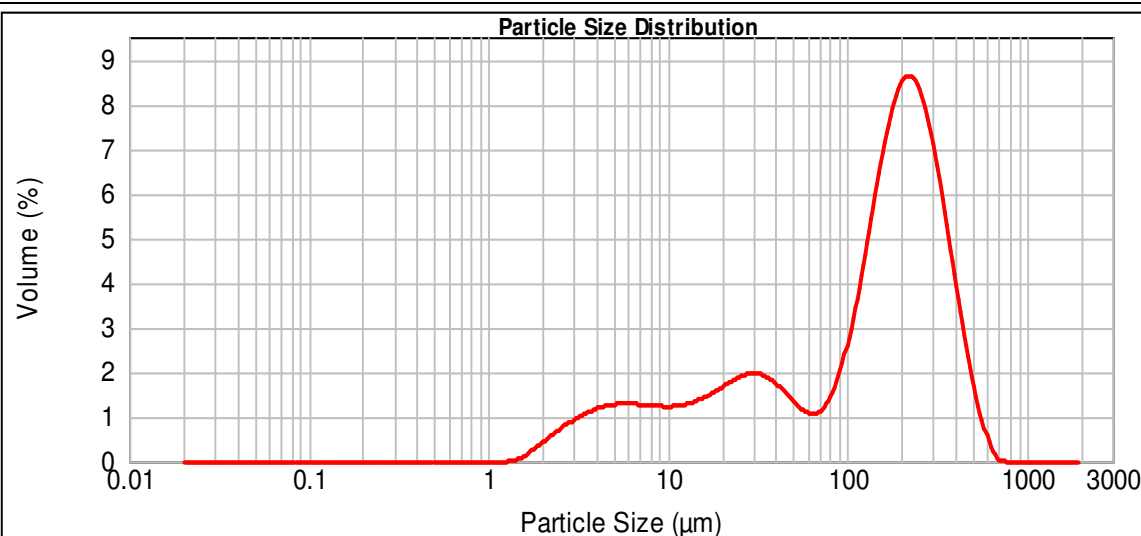
**Result units:**

Volume

**Specific Surface Area:**

0.24  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

25.049  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

168.410  $\mu\text{m}$ 
**d(0.1): 7.987  $\mu\text{m}$** 
**d(0.5): 160.091  $\mu\text{m}$** 
**d(0.9): 351.090  $\mu\text{m}$** 


— 12Dr, Monday, 15 June 2009 8:02:30 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.45	37.000	1.96	105.000	4.34	300.000	6.47	840.000	0.00
0.060	0.00	2.000	3.63	44.000	1.73	125.000	6.40	350.000	5.47	1000.000	0.00
0.120	0.00	3.900	5.73	53.000	1.28	149.000	8.14	420.000	3.06	2000.000	0.00
0.240	0.00	7.800	5.76	63.000	1.14	177.000	9.32	500.000	1.31		
0.490	0.00	15.600	7.84	74.000	1.62	210.000	9.79	590.000	0.26		
0.700	0.00	31.000	2.23	88.000	2.71	250.000	9.36	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**



## Result Analysis Report

**Sample Name:**  
12E

**SOP Name:**  
Marine Sediment

**Measured:**  
Monday, 15 June 2009 8:10:20 p.m.

**Sample Source & type:**

**Measured by:**  
tme7

**Analysed:**  
Monday, 15 June 2009 8:10:21 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:**  
19.24 %

**Dispersant Name:**  
Water

**Dispersant RI:**  
1.330

**Weighted Residual:**  
0.627 %

**Result Emulation:**  
Off

**Concentration:**  
0.0655 %Vol

**Span :**  
2.189

**Uniformity:**  
0.66

**Result units:**  
Volume

**Specific Surface Area:**  
0.218  $\text{m}^2/\text{g}$

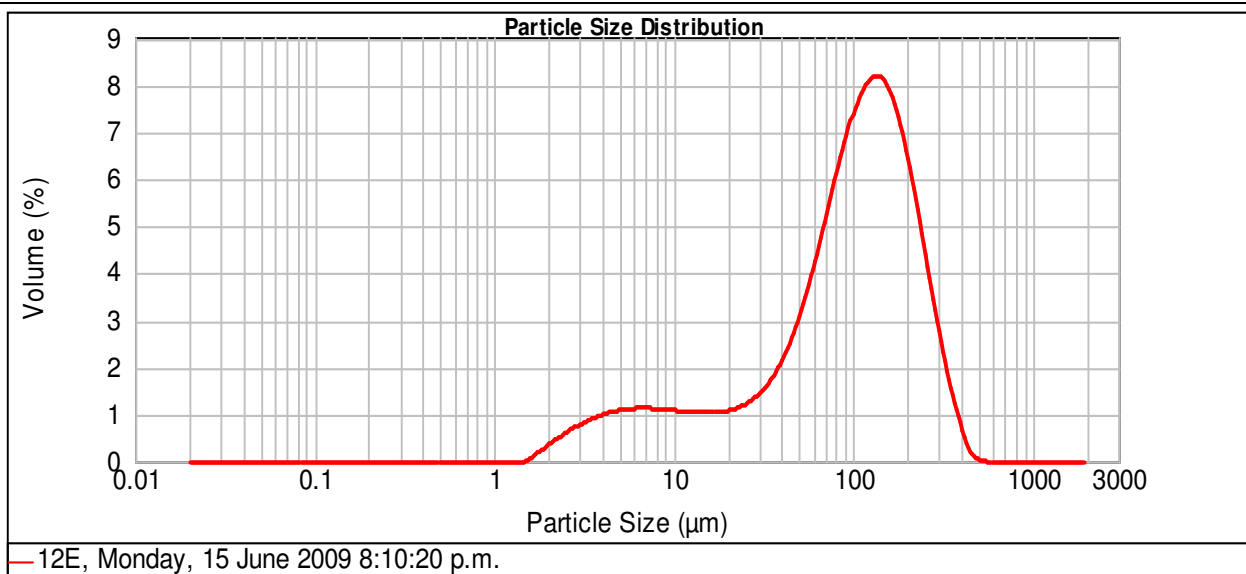
**Surface Weighted Mean D[3,2]:**  
27.476  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
115.576  $\mu\text{m}$

**d(0.1): 9.825  $\mu\text{m}$**

**d(0.5): 102.484  $\mu\text{m}$**

**d(0.9): 234.131  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.30	37.000	2.47	105.000	9.07	300.000	2.17	840.000	0.00
0.060	0.00	2.000	3.06	44.000	3.53	125.000	9.41	350.000	1.23	1000.000	0.00
0.120	0.00	3.900	4.96	53.000	4.37	149.000	8.76	420.000	0.21	2000.000	0.00
0.240	0.00	7.800	4.88	63.000	5.20	177.000	7.56	500.000	0.01		
0.490	0.00	15.600	5.27	74.000	6.90	210.000	6.05	590.000	0.00		
0.700	0.00	31.000	1.95	88.000	8.30	250.000	4.33	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
12Er

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Monday, 15 June 2009 8:19:16 p.m.

**Analysed:**  
Monday, 15 June 2009 8:19:17 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.555 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
18.79 %

**Result Emulation:**  
Off

**Concentration:**  
0.0550 %Vol

**Span :**  
2.357

**Uniformity:**  
0.728

**Result units:**  
Volume

**Specific Surface Area:**  
0.253  $\text{m}^2/\text{g}$

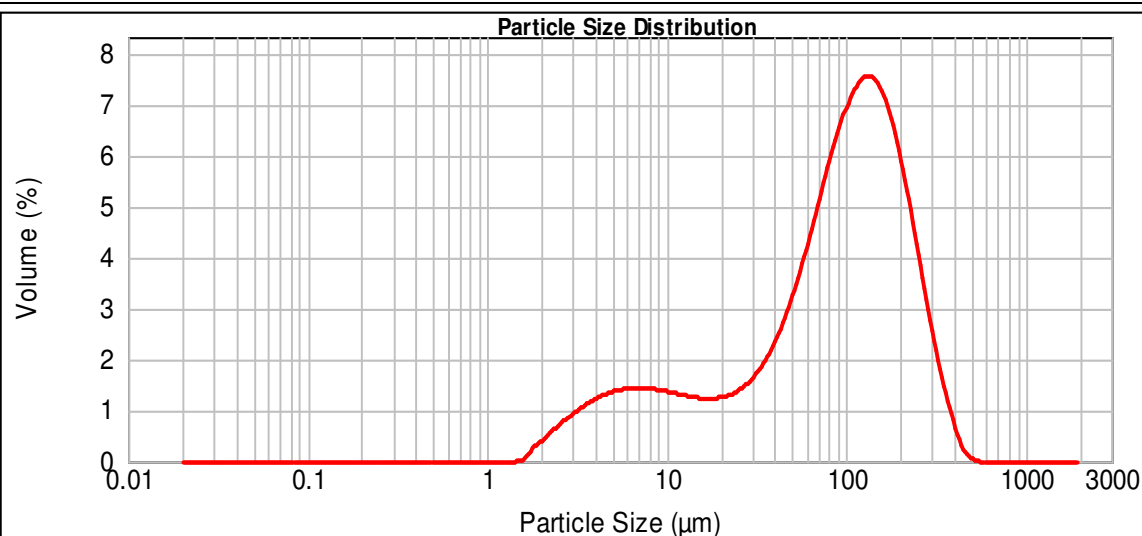
**Surface Weighted Mean D[3,2]:**  
23.738  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
108.869  $\mu\text{m}$

**d(0.1): 7.631  $\mu\text{m}$**

**d(0.5): 94.108  $\mu\text{m}$**

**d(0.9): 229.414  $\mu\text{m}$**



— 12Er, Monday, 15 June 2009 8:19:16 p.m.

Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.34
2.000	3.62
3.900	6.25
7.800	6.07
15.600	6.07
31.000	2.18
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	2.69
44.000	3.73
53.000	4.45
63.000	5.13
74.000	6.63
88.000	7.81
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	8.42
125.000	8.65
149.000	8.02
177.000	6.93
210.000	5.56
250.000	4.00
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	2.03
350.000	1.18
420.000	0.25
500.000	0.01
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
12F

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Monday, 15 June 2009 8:26:20 p.m.

**Analysed:**  
Monday, 15 June 2009 8:26:21 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
1.097 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
18.89 %

**Result Emulation:**  
Off

**Concentration:**  
0.2077 %Vol

**Span :**  
0.986

**Uniformity:**  
0.324

**Result units:**  
Volume

**Specific Surface Area:**  
0.0713  $\text{m}^2/\text{g}$

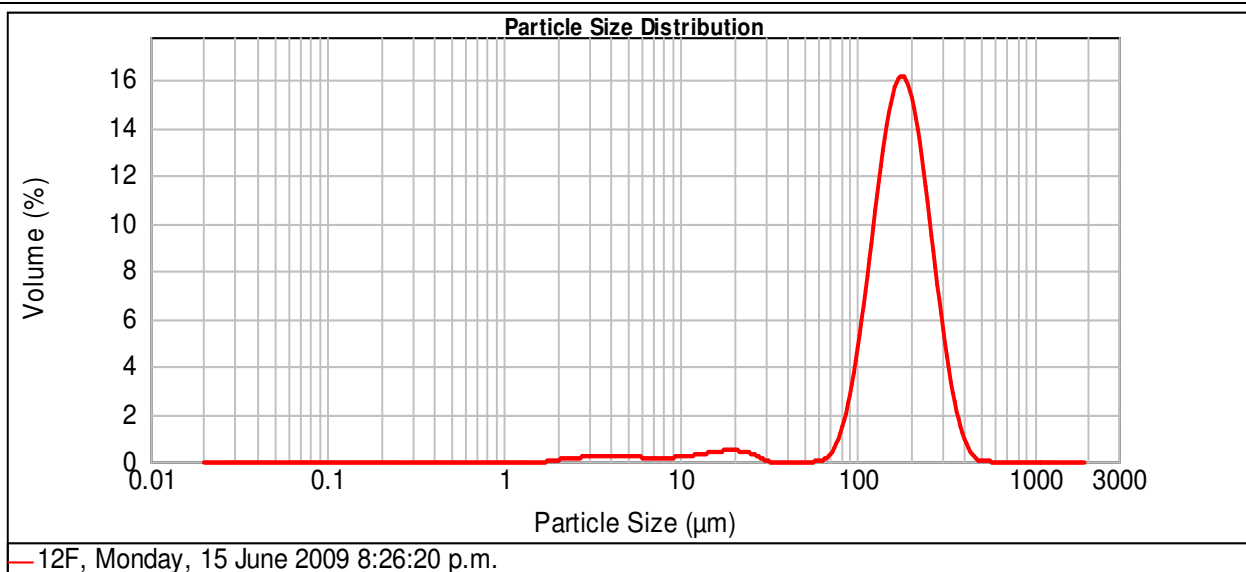
**Surface Weighted Mean D[3,2]:**  
84.193  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
179.047  $\mu\text{m}$

**d(0.1):** 102.582  $\mu\text{m}$

**d(0.5):** 172.609  $\mu\text{m}$

**d(0.9):** 272.823  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.02	37.000	0.00	105.000	9.40	300.000	3.96	840.000	0.00
0.060	0.00	2.000	0.75	44.000	0.00	125.000	14.67	350.000	1.62	1000.000	0.00
0.120	0.00	3.900	0.85	53.000	0.00	149.000	17.73	420.000	0.18	2000.000	0.00
0.240	0.00	7.800	1.15	63.000	0.26	177.000	17.56	500.000	0.00		
0.490	0.00	15.600	1.57	74.000	1.56	210.000	14.46	590.000	0.00		
0.700	0.00	31.000	0.00	88.000	4.69	250.000	9.54	710.000	0.00		
0.980	0.00	37.000	0.00	105.000	0.00	300.000	0.00	840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
12Fr

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Monday, 15 June 2009 8:33:15 p.m.

**Analysed:**  
Monday, 15 June 2009 8:33:16 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.954 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
17.14 %

**Result Emulation:**  
Off

**Concentration:**  
0.1808 %Vol

**Span :**  
0.990

**Uniformity:**  
0.325

**Result units:**  
Volume

**Specific Surface Area:**  
0.0735  $\text{m}^2/\text{g}$

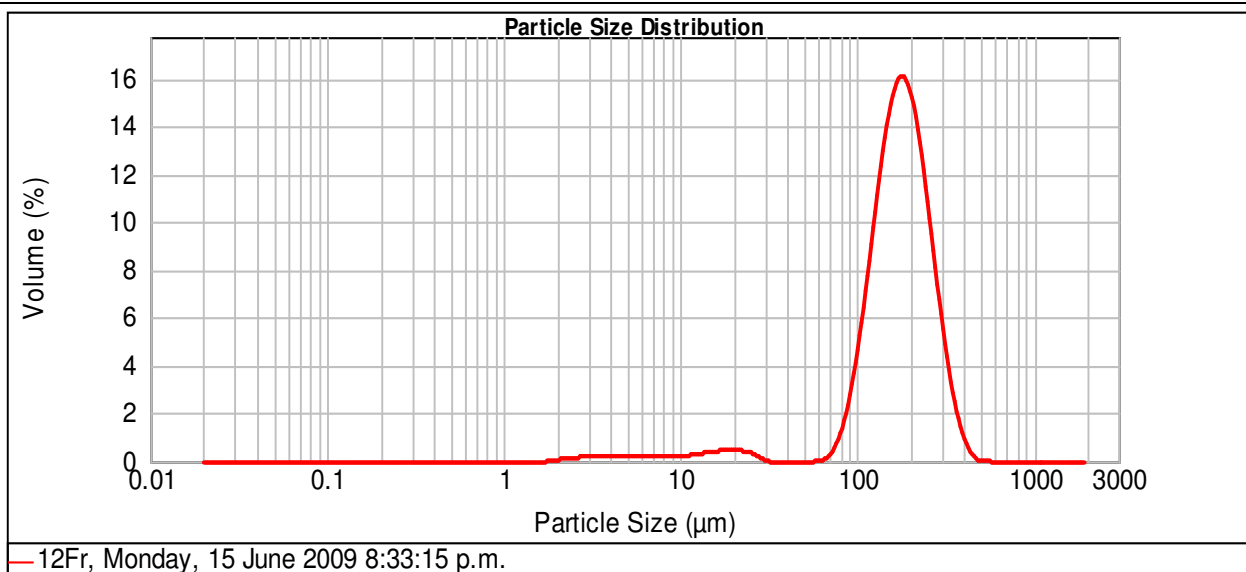
**Surface Weighted Mean D[3,2]:**  
81.642  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
178.614  $\mu\text{m}$

**d(0.1):** 101.922  $\mu\text{m}$

**d(0.5):** 172.505  $\mu\text{m}$

**d(0.9):** 272.624  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.02
2.000	0.78
3.900	0.95
7.800	1.24
15.600	1.63
31.000	0.00
37.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.00
44.000	0.00
53.000	0.00
63.000	0.26
74.000	1.55
88.000	4.65
105.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
105.000	9.34
125.000	14.61
149.000	17.68
177.000	17.54
210.000	14.46
250.000	9.54
300.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.96
350.000	1.60
420.000	0.17
500.000	0.00
590.000	0.00
710.000	0.00
840.000	0.00

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	0.00

**Operator notes:**

## Result Analysis Report

**Sample Name:**

13A

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 8:40:57 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 8:40:58 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  $\mu$ m

**Obscuration:**

19.16 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.834 %

**Result Emulation:**

Off

**Concentration:**

0.0799 %Vol

**Span :**

1.949

**Uniformity:**

0.581

**Result units:**

Volume

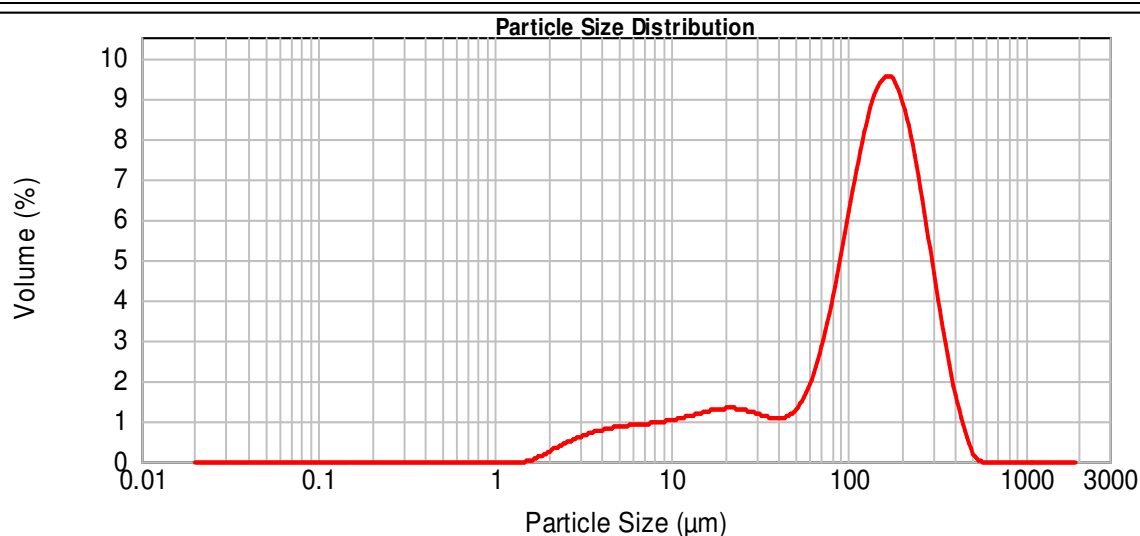
**Specific Surface Area:**

0.181  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

33.200  $\mu$ m

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

142.542  $\mu$ m

**d(0.1): 13.012  $\mu$ m**
**d(0.5): 134.251  $\mu$ m**
**d(0.9): 274.713  $\mu$ m**


— 13A, Monday, 15 June 2009 8:40:57 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.19	37.000	1.21	105.000	8.67	300.000	3.82	840.000	0.00
0.060	0.00	2.000	2.35	44.000	1.49	125.000	10.30	350.000	2.39	1000.000	0.00
0.120	0.00	3.900	3.98	53.000	1.98	149.000	10.74	420.000	0.76	2000.000	0.00
0.240	0.00	7.800	4.89	63.000	2.83	177.000	10.20	500.000	0.02		
0.490	0.00	15.600	5.74	74.000	4.60	210.000	8.89	590.000	0.00		
0.700	0.00	31.000	1.29	88.000	6.73	250.000	6.93	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

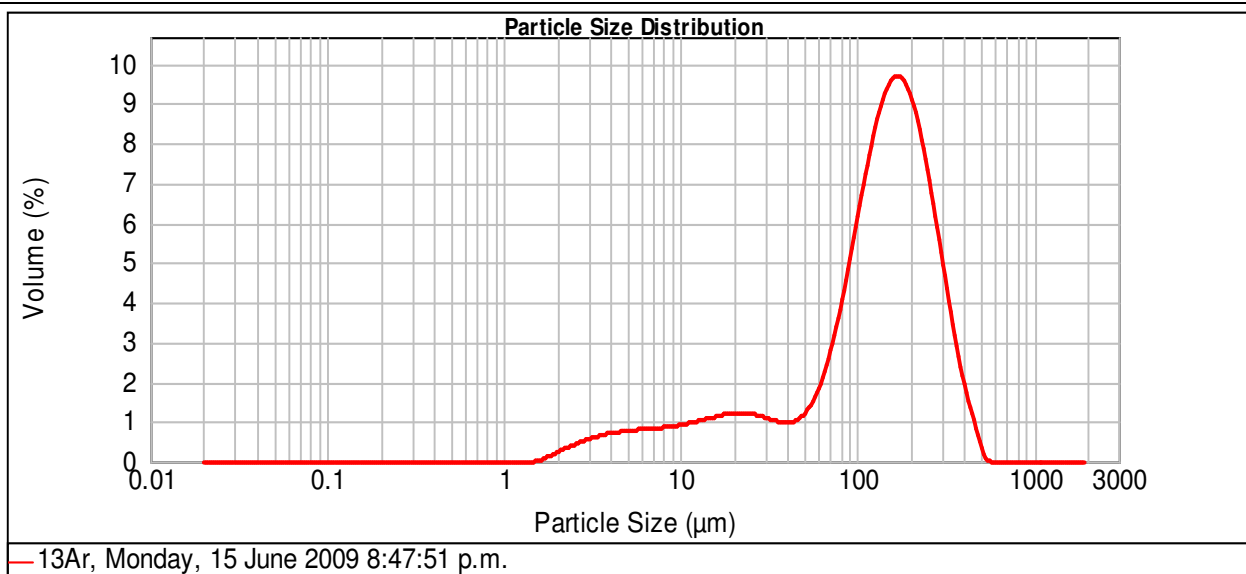
<b>Sample Name:</b> 13Ar	<b>SOP Name:</b> Marine Sediment	<b>Measured:</b> Monday, 15 June 2009 8:47:51 p.m.
<b>Sample Source &amp; type:</b>	<b>Measured by:</b> tme7	<b>Analysed:</b> Monday, 15 June 2009 8:47:52 p.m.
<b>Sample bulk lot ref:</b>	<b>Result Source:</b> Measurement	

<b>Particle Name:</b> Marine Sediment	<b>Accessory Name:</b> None	<b>Analysis model:</b> General purpose	<b>Sensitivity:</b> Enhanced
<b>Particle RI:</b> 1.500	<b>Absorption:</b> 0	<b>Size range:</b> 0.020 to 2000.000 $\mu$ m	<b>Obscuration:</b> 18.31 %
<b>Dispersant Name:</b> Water	<b>Dispersant RI:</b> 1.330	<b>Weighted Residual:</b> 0.836 %	<b>Result Emulation:</b> Off

<b>Concentration:</b> 0.0814 %Vol	<b>Span :</b> 1.927	<b>Uniformity:</b> 0.566	<b>Result units:</b> Volume
<b>Specific Surface Area:</b> 0.169 m <sup>2</sup> /g	<b>Surface Weighted Mean D[3,2]:</b> 35.595 $\mu$ m	<b>Vol. Weighted Mean D[4,3]:</b> 148.134 $\mu$ m	

**d(0.1): 14.902  $\mu$ m**      **d(0.5): 138.919  $\mu$ m**      **d(0.9): 282.552  $\mu$ m**



Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.00	0.980	0.19	37.000	1.12	105.000	8.69	300.000	4.12	840.000	0.00
0.060	0.00	2.000	2.18	44.000	1.39	125.000	10.38	350.000	2.71	1000.000	0.00
0.120	0.00	3.900	3.57	53.000	1.89	149.000	10.90	420.000	1.04	2000.000	0.00
0.240	0.00	7.800	4.40	63.000	2.76	177.000	10.44	500.000	0.03		
0.490	0.00	15.600	5.29	74.000	4.55	210.000	9.20	590.000	0.00		
0.700	0.00	31.000	1.19	88.000	6.70	250.000	7.29	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

13B

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 8:55:10 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 8:55:11 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:**

17.77 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.761 %

**Result Emulation:**

Off

**Concentration:**

0.0578 %Vol

**Span :**

2.200

**Uniformity:**

0.68

**Result units:**

Volume

**Specific Surface Area:**

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

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

26.590  $\mu\text{m}$

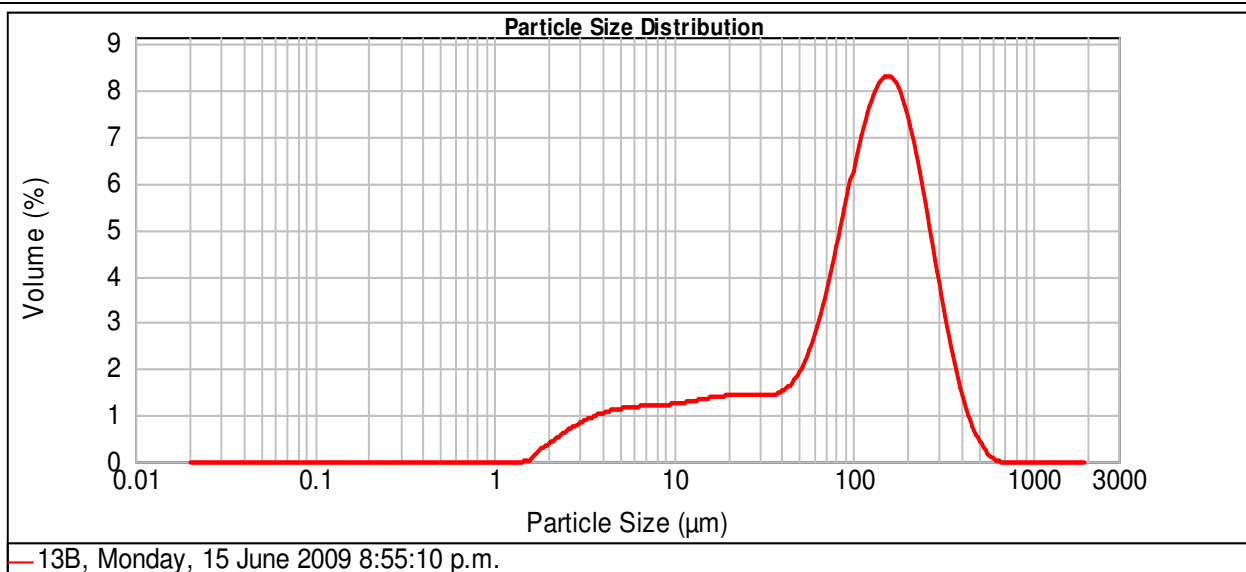
**Vol. Weighted Mean D[4,3]:**

130.440  $\mu\text{m}$

**d(0.1): 9.123  $\mu\text{m}$**

**d(0.5): 117.222  $\mu\text{m}$**

**d(0.9): 267.058  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.33	37.000	1.73	105.000	8.30	300.000	3.20	840.000	0.00
0.060	0.00	2.000	3.22	44.000	2.22	125.000	9.32	350.000	2.18	1000.000	0.00
0.120	0.00	3.900	5.20	53.000	2.76	149.000	9.30	420.000	0.93	2000.000	0.00
0.240	0.00	7.800	5.75	63.000	3.54	177.000	8.56	500.000	0.30		
0.490	0.00	15.600	6.39	74.000	5.19	210.000	7.32	590.000	0.00		
0.700	0.00	31.000	1.66	88.000	6.92	250.000	5.68	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

13Br

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 9:02:31 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 9:02:32 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:**

18.14 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.691 %

**Result Emulation:**

Off

**Concentration:**

0.0599 %Vol

**Span :**

2.154

**Uniformity:**

0.659

**Result units:**

Volume

**Specific Surface Area:**

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

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

26.968  $\mu\text{m}$

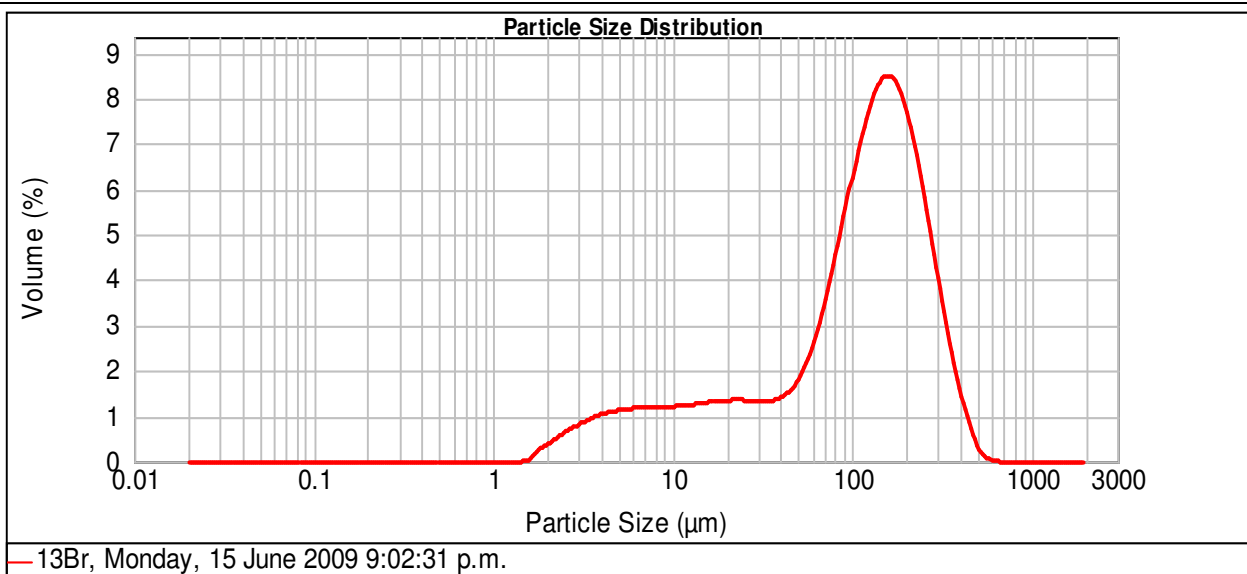
**Vol. Weighted Mean D[4,3]:**

132.364  $\mu\text{m}$

**d(0.1): 9.215  $\mu\text{m}$**

**d(0.5): 120.444  $\mu\text{m}$**

**d(0.9): 268.684  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.33
2.000	3.20
3.900	5.17
7.800	5.59
15.600	6.03
31.000	1.55
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	1.61
44.000	2.08
53.000	2.63
63.000	3.42
74.000	5.08
88.000	6.87
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	8.33
125.000	9.46
149.000	9.54
177.000	8.86
210.000	7.64
250.000	5.97
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.36
350.000	2.25
420.000	0.90
500.000	0.14
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**



## Result Analysis Report

**Sample Name:**

13C

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 9:09:21 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 9:09:22 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:**

16.00 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.608 %

**Result Emulation:**

Off

**Concentration:**

0.0285 %Vol

**Span :**

3.310

**Uniformity:**

1.11

**Result units:**

Volume

**Specific Surface Area:**

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

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

15.080  $\mu\text{m}$

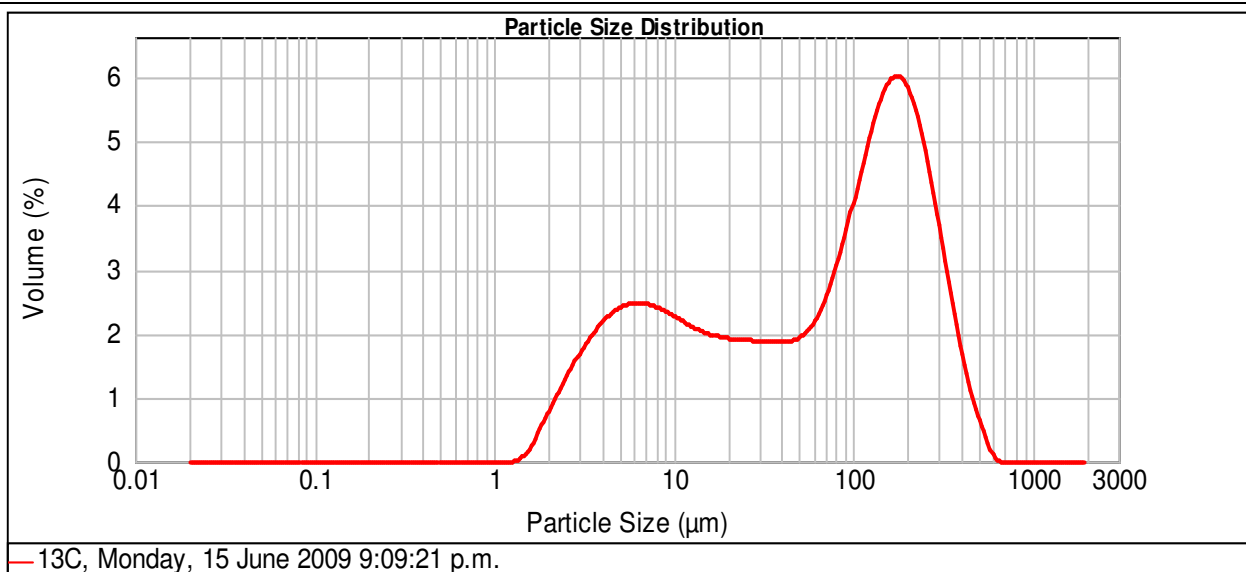
**Vol. Weighted Mean D[4,3]:**

111.262  $\mu\text{m}$

**d(0.1): 4.654  $\mu\text{m}$**

**d(0.5): 80.551  $\mu\text{m}$**

**d(0.9): 271.268  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.80	37.000	2.11	105.000	5.41	300.000	3.20	840.000	0.00
0.060	0.00	2.000	6.58	44.000	2.33	125.000	6.35	350.000	2.44	1000.000	0.00
0.120	0.00	3.900	10.86	53.000	2.37	149.000	6.73	420.000	1.21	2000.000	0.00
0.240	0.00	7.800	10.01	63.000	2.58	177.000	6.62	500.000	0.47		
0.490	0.00	15.600	8.61	74.000	3.43	210.000	6.10	590.000	0.01		
0.700	0.00	31.000	2.16	88.000	4.44	250.000	5.16	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

13Cr

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 15 June 2009 9:17:57 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Monday, 15 June 2009 9:17:58 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:**

18.00 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.661 %

**Result Emulation:**

Off

**Concentration:**

0.0287 %Vol

**Span :**

4.203

**Uniformity:**

1.39

**Result units:**

Volume

**Specific Surface Area:**

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

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

13.463  $\mu\text{m}$

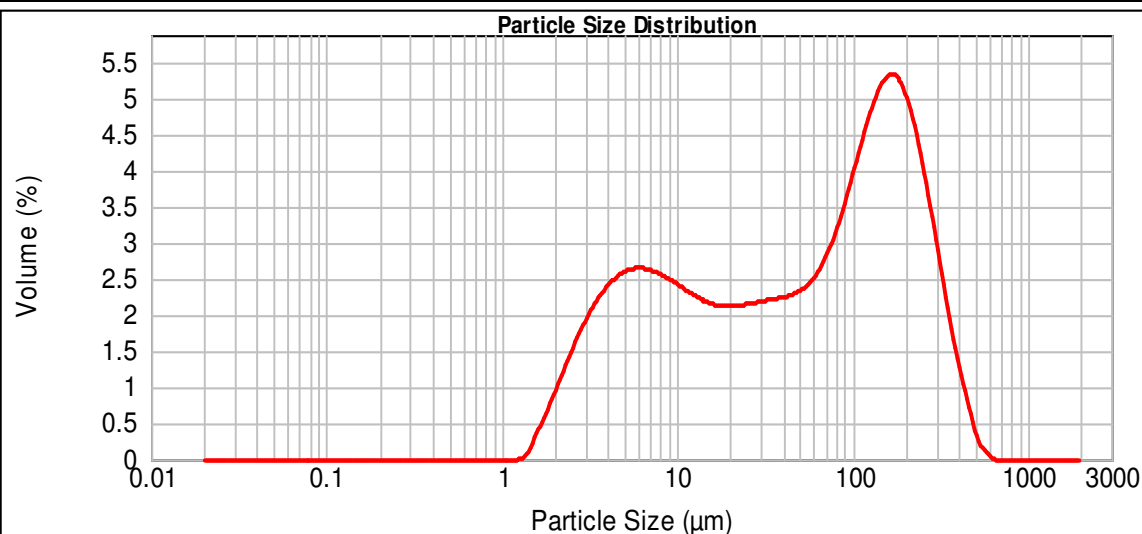
**Vol. Weighted Mean D[4,3]:**

97.585  $\mu\text{m}$

**d(0.1): 4.254  $\mu\text{m}$**

**d(0.5): 58.316  $\mu\text{m}$**

**d(0.9): 249.362  $\mu\text{m}$**



— 13Cr, Monday, 15 June 2009 9:17:57 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	1.11	37.000	2.54	105.000	5.11	300.000	2.61	840.000	0.00
0.060	0.00	2.000	7.51	44.000	2.81	125.000	5.80	350.000	1.90	1000.000	0.00
0.120	0.00	3.900	11.69	53.000	2.78	149.000	5.99	420.000	0.88	2000.000	0.00
0.240	0.00	7.800	10.66	63.000	2.89	177.000	5.78	500.000	0.21		
0.490	0.00	15.600	9.60	74.000	3.61	210.000	5.23	590.000	0.01		
0.700	0.00	31.000	2.55	88.000	4.39	250.000	4.33	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

14A

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 4:36:54 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 4:36:55 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:**

18.51 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.845 %

**Result Emulation:**

Off

**Concentration:**

0.0389 %Vol

**Span :**

2.946

**Uniformity:**

1.05

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.865  $\mu\text{m}$

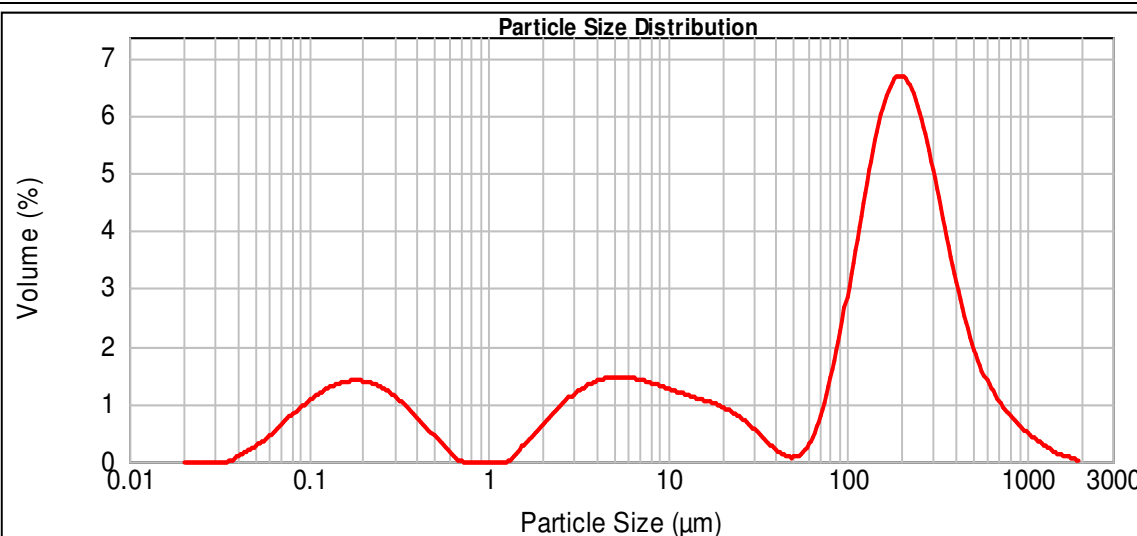
**Vol. Weighted Mean D[4,3]:**

170.339  $\mu\text{m}$

**d(0.1): 0.222  $\mu\text{m}$**

**d(0.5): 133.628  $\mu\text{m}$**

**d(0.9): 393.871  $\mu\text{m}$**



— 14A, Wednesday, 17 June 2009 4:36:54 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.40	0.980	0.85	37.000	0.22	105.000	4.54	300.000	4.62	840.000	0.70
0.060	3.86	2.000	4.63	44.000	0.09	125.000	6.10	350.000	4.15	1000.000	0.95
0.120	6.16	3.900	6.51	53.000	0.21	149.000	7.07	420.000	2.80	2000.000	
0.240	4.49	7.800	5.55	63.000	0.64	177.000	7.46	500.000	1.86		
0.490	0.52	15.600	3.83	74.000	1.59	210.000	7.33	590.000	1.45		
0.700	0.00	31.000	0.48	88.000	2.99	250.000	6.72	710.000	0.93		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

14Ar

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 4:44:39 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 4:44:40 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  $\mu$ m

**Obscuration:**

18.30 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.823 %

**Result Emulation:**

Off

**Concentration:**

0.0310 %Vol

**Span :**

4.971

**Uniformity:**

1.73

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.785  $\mu$ m

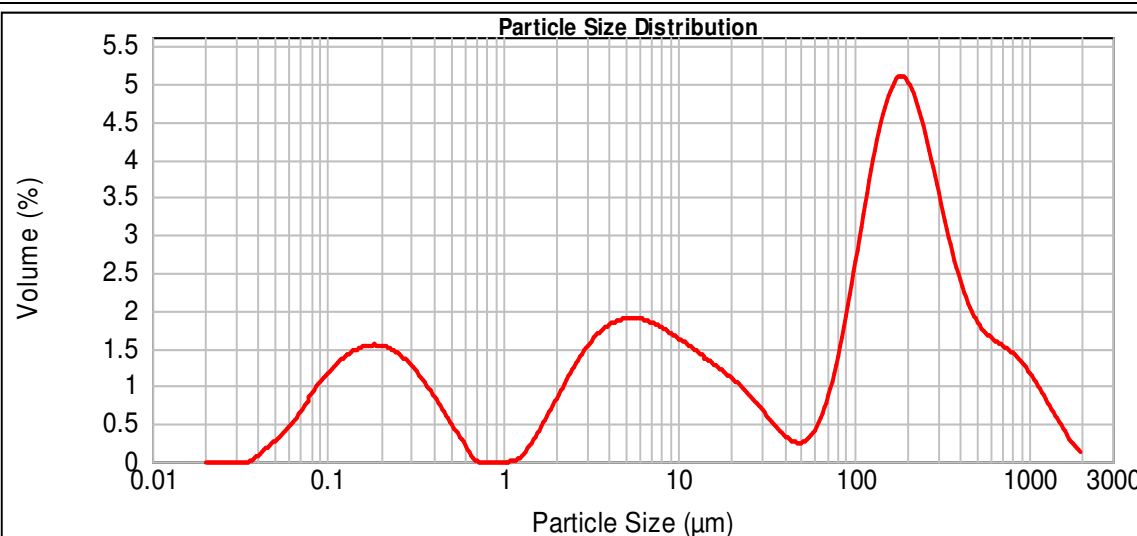
**Vol. Weighted Mean D[4,3]:**

182.867  $\mu$ m

**d(0.1): 0.202  $\mu$ m**

**d(0.5): 98.142  $\mu$ m**

**d(0.9): 488.032  $\mu$ m**



— 14Ar, Wednesday, 17 June 2009 4:44:39 p.m.

Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %	Size ( $\mu$ m)	Volume In %
0.050	0.43	0.980	1.18	37.000	0.39	105.000	3.83	300.000	3.35	840.000	1.48
0.060	4.21	2.000	5.96	44.000	0.31	125.000	4.95	350.000	3.11	1000.000	2.78
0.120	6.76	3.900	8.43	53.000	0.40	149.000	5.55	420.000	2.35	2000.000	
0.240	5.00	7.800	7.04	63.000	0.76	177.000	5.68	500.000	1.90		
0.490	0.62	15.600	4.55	74.000	1.55	210.000	5.44	590.000	1.93		
0.700	0.00	31.000	0.63	88.000	2.66	250.000	4.88	710.000	1.61		
0.980		37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

14B

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 4:58:30 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 4:58:31 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:**

17.80 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.956 %

**Result Emulation:**

Off

**Concentration:**

0.0538 %Vol

**Span :**

1.988

**Uniformity:**

0.634

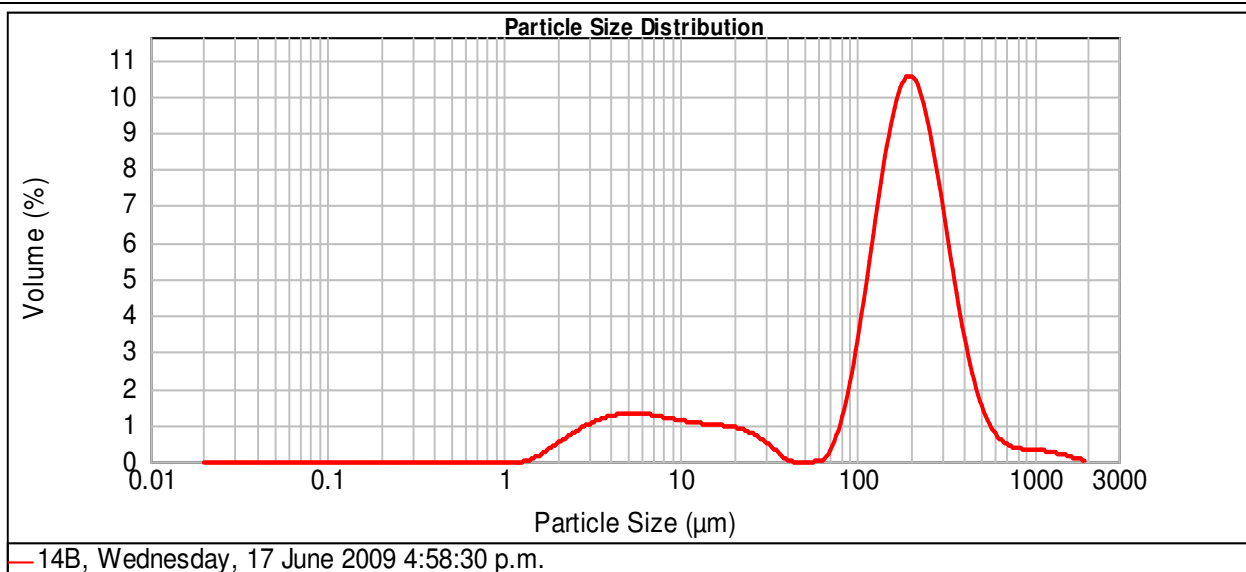
**Result units:**

Volume

**Specific Surface Area:**

0.234  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

25.595  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

196.050  $\mu\text{m}$ 
**d(0.1): 7.386  $\mu\text{m}$** 
**d(0.5): 175.255  $\mu\text{m}$** 
**d(0.9): 355.848  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.61
2.000	4.00
3.900	5.83
7.800	4.98
15.600	3.76
31.000	0.37
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.04
44.000	0.00
53.000	0.00
63.000	0.26
74.000	1.34
88.000	3.40
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.07
125.000	9.00
149.000	11.00
177.000	11.77
210.000	11.33
250.000	9.72
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	6.00
350.000	4.56
420.000	2.40
500.000	1.17
590.000	0.70
710.000	0.42
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.38
1000.000	0.90
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

14Br

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 5:05:16 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 5:05:18 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:**

17.29 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.973 %

**Result Emulation:**

Off

**Concentration:**

0.0567 %Vol

**Span :**

2.415

**Uniformity:**

0.819

**Result units:**

Volume

**Specific Surface Area:**

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

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

27.847  $\mu\text{m}$

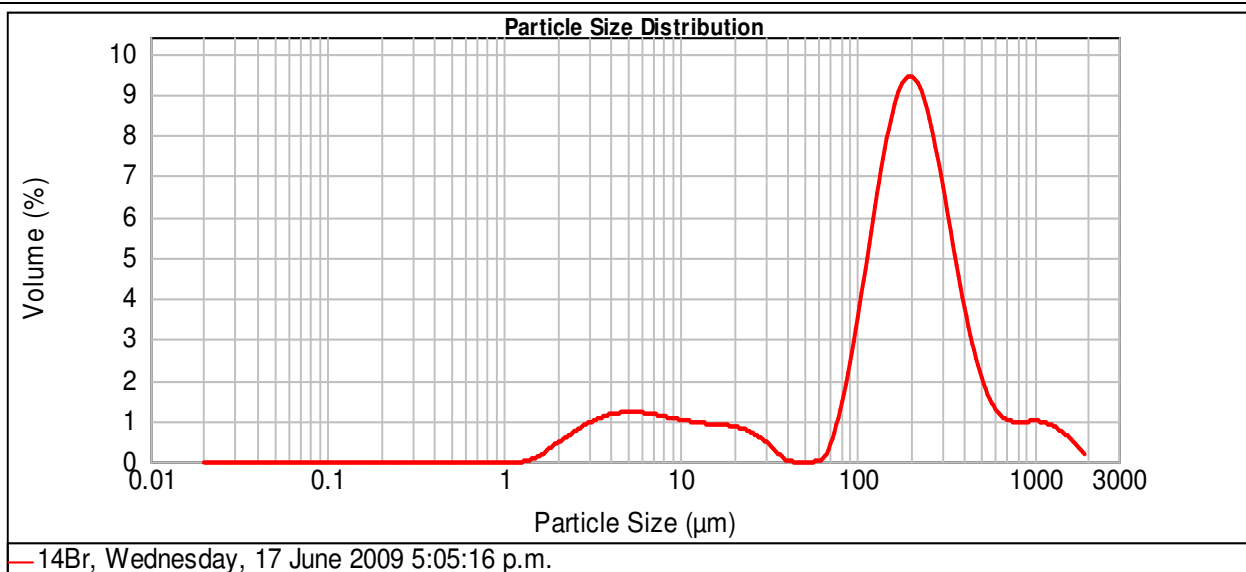
**Vol. Weighted Mean D[4,3]:**

241.296  $\mu\text{m}$

**d(0.1): 8.284  $\mu\text{m}$**

**d(0.5): 183.772  $\mu\text{m}$**

**d(0.9): 452.068  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.53	37.000	0.03	105.000	5.97	300.000	5.98	840.000	1.12
0.060	0.00	2.000	3.68	44.000	0.00	125.000	8.37	350.000	4.94	1000.000	3.17
0.120	0.00	3.900	5.35	53.000	0.00	149.000	9.92	420.000	2.96	2000.000	
0.240	0.00	7.800	4.52	63.000	0.33	177.000	10.53	500.000	1.75		
0.490	0.00	15.600	3.45	74.000	1.61	210.000	10.27	590.000	1.36		
0.700	0.00	31.000	0.32	88.000	3.62	250.000	9.14	710.000	1.07		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15A

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 5:12:12 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 5:12:13 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:**

19.01 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.901 %

**Result Emulation:**

Off

**Concentration:**

0.0891 %Vol

**Span :**

1.771

**Uniformity:**

0.49

**Result units:**

Volume

**Specific Surface Area:**

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

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

38.231  $\mu\text{m}$

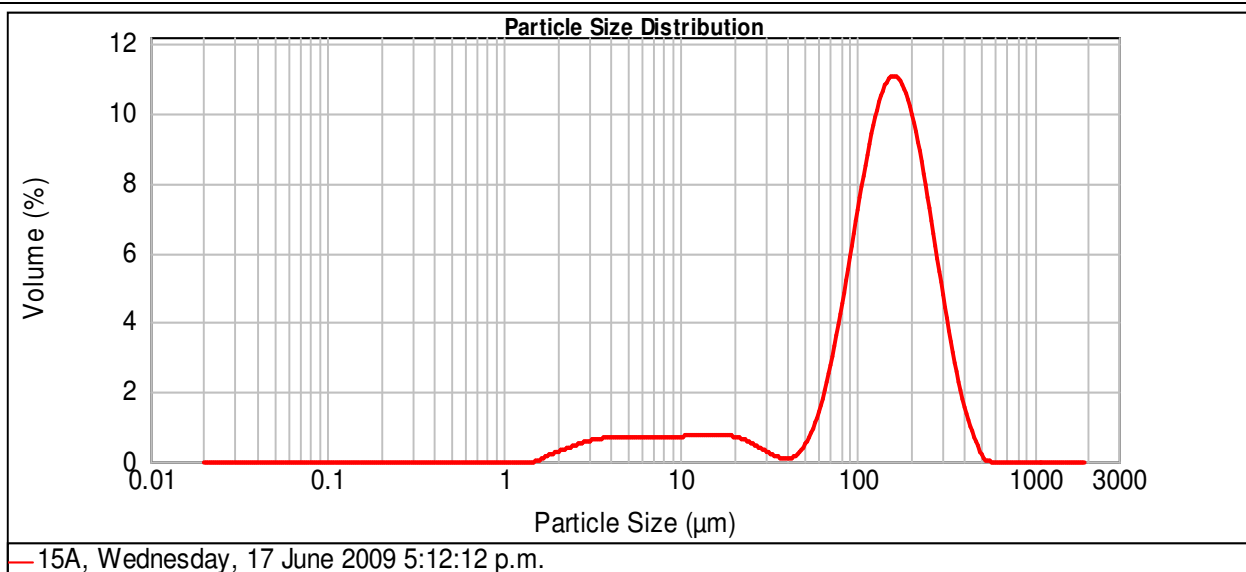
**Vol. Weighted Mean D[4,3]:**

153.557  $\mu\text{m}$

**d(0.1): 18.298  $\mu\text{m}$**

**d(0.5): 144.776  $\mu\text{m}$**

**d(0.9): 274.760  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.25	37.000	0.11	105.000	10.28	300.000	3.85	840.000	0.00
0.060	0.00	2.000	2.30	44.000	0.45	125.000	12.15	350.000	2.29	1000.000	0.00
0.120	0.00	3.900	3.27	53.000	1.34	149.000	12.46	420.000	0.72	2000.000	0.00
0.240	0.00	7.800	3.37	63.000	2.69	177.000	11.55	500.000	0.01		
0.490	0.00	15.600	2.75	74.000	5.06	210.000	9.76	590.000	0.00		
0.700	0.00	31.000	0.20	88.000	7.85	250.000	7.31	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15Ar

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 5:22:30 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 5:22:31 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:**

17.55 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.922 %

**Result Emulation:**

Off

**Concentration:**

0.0835 %Vol

**Span :**

1.725

**Uniformity:**

0.474

**Result units:**

Volume

**Specific Surface Area:**

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

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

39.100  $\mu\text{m}$

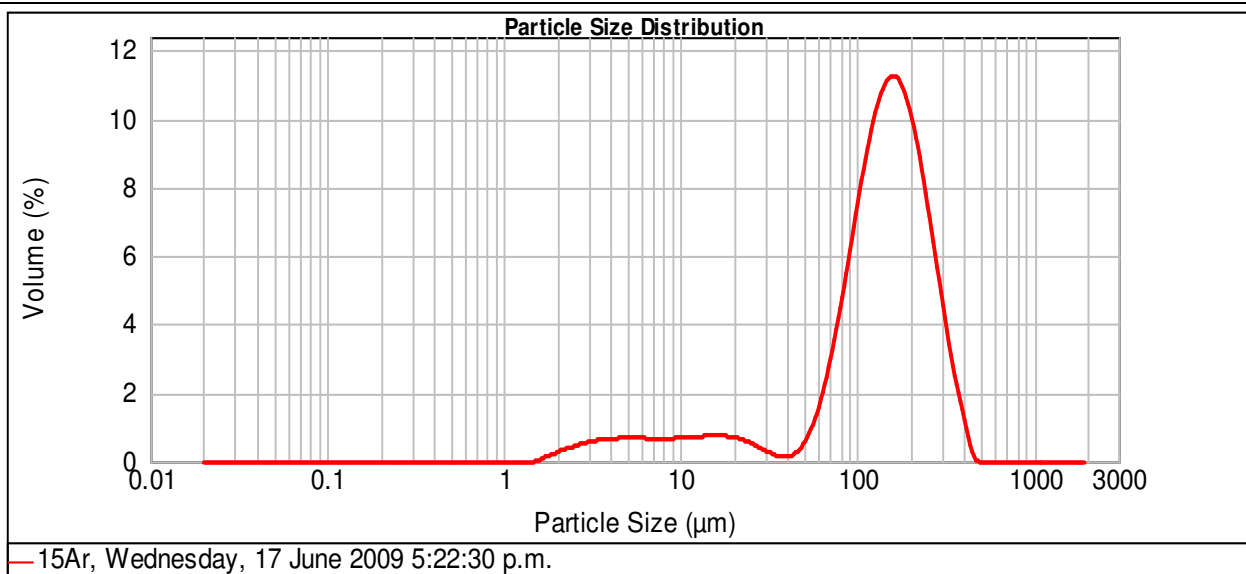
**Vol. Weighted Mean D[4,3]:**

149.471  $\mu\text{m}$

**d(0.1): 20.042  $\mu\text{m}$**

**d(0.5): 142.117  $\mu\text{m}$**

**d(0.9): 265.137  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.25	37.000	0.17	105.000	10.60	300.000	3.53	840.000	0.00
0.060	0.00	2.000	2.22	44.000	0.57	125.000	12.43	350.000	1.91	1000.000	0.00
0.120	0.00	3.900	3.09	53.000	1.52	149.000	12.64	420.000	0.12	2000.000	0.00
0.240	0.00	7.800	3.23	63.000	2.91	177.000	11.60	500.000	0.00		
0.490	0.00	15.600	2.70	74.000	5.35	210.000	9.67	590.000	0.00		
0.700	0.00	31.000	0.22	88.000	8.18	250.000	7.08	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**



## Result Analysis Report

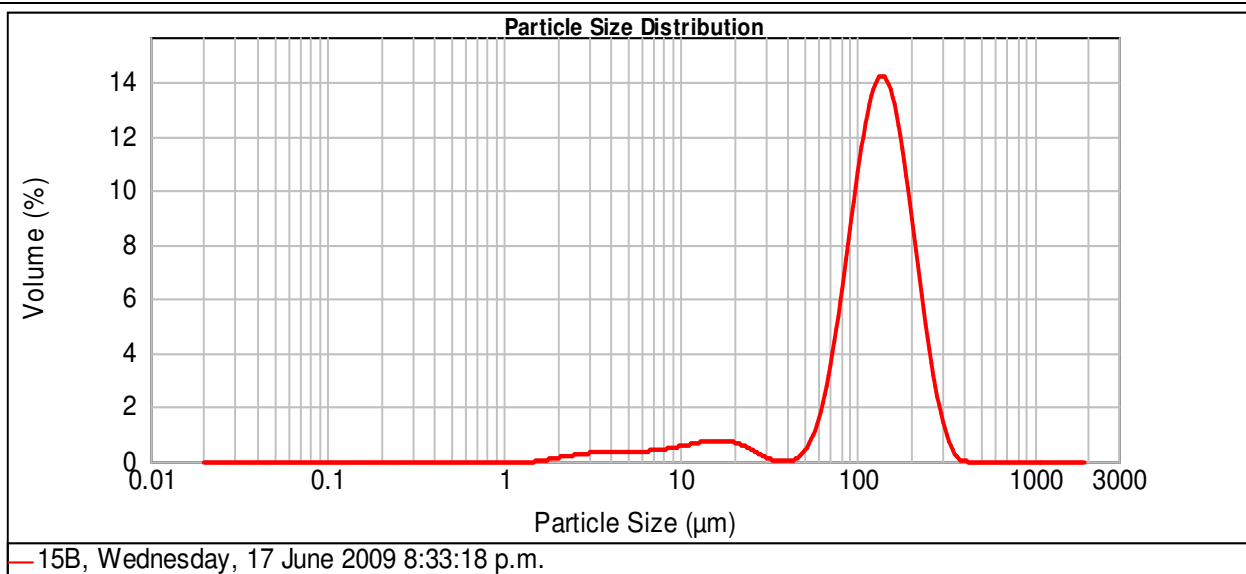
<b>Sample Name:</b> 15B	<b>SOP Name:</b> Marine Sediment	<b>Measured:</b> Wednesday, 17 June 2009 8:33:18 p.m.
<b>Sample Source &amp; type:</b>	<b>Measured by:</b> tme7	<b>Analysed:</b> Wednesday, 17 June 2009 8:33:20 p.m.
<b>Sample bulk lot ref:</b>	<b>Result Source:</b> Measurement	

<b>Particle Name:</b> Marine Sediment	<b>Accessory Name:</b> None	<b>Analysis model:</b> General purpose	<b>Sensitivity:</b> Enhanced
<b>Particle RI:</b> 1.500	<b>Absorption:</b> 0	<b>Size range:</b> 0.020 to 2000.000 $\mu\text{m}$	<b>Obscuration:</b> 17.39 %
<b>Dispersant Name:</b> Water	<b>Dispersant RI:</b> 1.330	<b>Weighted Residual:</b> 0.783 %	<b>Result Emulation:</b> Off

<b>Concentration:</b> 0.1165 %Vol	<b>Span :</b> 1.179	<b>Uniformity:</b> 0.379	<b>Result units:</b> Volume
<b>Specific Surface Area:</b> 0.114 $\text{m}^2/\text{g}$	<b>Surface Weighted Mean D[3,2]:</b> 52.635 $\mu\text{m}$	<b>Vol. Weighted Mean D[4,3]:</b> 132.855 $\mu\text{m}$	

**d(0.1): 62.158  $\mu\text{m}$                       d(0.5): 129.053  $\mu\text{m}$                       d(0.9): 214.286  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.11	37.000	0.02	105.000	14.85	300.000	0.79	840.000	0.00
0.060	0.00	2.000	1.20	44.000	0.35	125.000	16.31	350.000	0.06	1000.000	0.00
0.120	0.00	3.900	1.71	53.000	1.43	149.000	14.60	420.000	0.00	2000.000	0.00
0.240	0.00	7.800	2.81	63.000	3.41	177.000	11.02	500.000	0.00		
0.490	0.00	15.600	2.50	74.000	7.11	210.000	6.91	590.000	0.00		
0.700	0.00	31.000	0.04	88.000	11.51	250.000	3.27	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

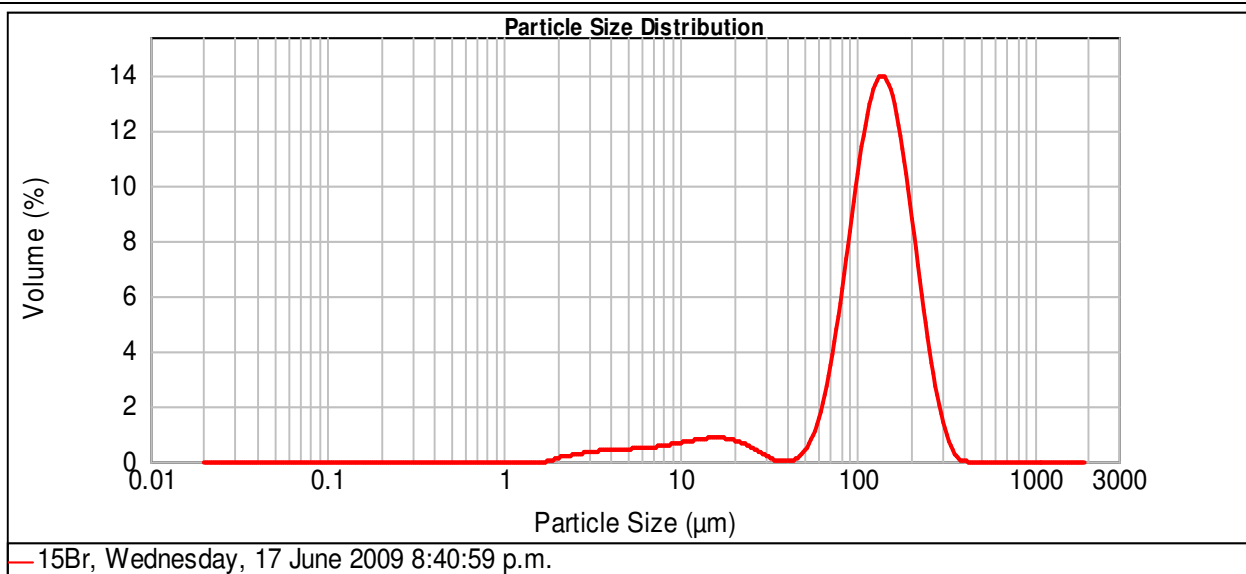
<b>Sample Name:</b> 15Br	<b>SOP Name:</b> Marine Sediment	<b>Measured:</b> Wednesday, 17 June 2009 8:40:59 p.m.
<b>Sample Source &amp; type:</b>	<b>Measured by:</b> tme7	<b>Analysed:</b> Wednesday, 17 June 2009 8:41:00 p.m.
<b>Sample bulk lot ref:</b>	<b>Result Source:</b> Measurement	

<b>Particle Name:</b> Marine Sediment	<b>Accessory Name:</b> None	<b>Analysis model:</b> General purpose	<b>Sensitivity:</b> Enhanced
<b>Particle RI:</b> 1.500	<b>Absorption:</b> 0	<b>Size range:</b> 0.020 to 2000.000 $\mu\text{m}$	<b>Obscuration:</b> 17.28 %
<b>Dispersant Name:</b> Water	<b>Dispersant RI:</b> 1.330	<b>Weighted Residual:</b> 0.828 %	<b>Result Emulation:</b> Off

<b>Concentration:</b> 0.1094 %Vol	<b>Span :</b> 1.263	<b>Uniformity:</b> 0.39	<b>Result units:</b> Volume
<b>Specific Surface Area:</b> 0.122 $\text{m}^2/\text{g}$	<b>Surface Weighted Mean D[3,2]:</b> 49.378 $\mu\text{m}$	<b>Vol. Weighted Mean D[4,3]:</b> 131.230 $\mu\text{m}$	

**d(0.1): 52.044  $\mu\text{m}$                       d(0.5): 128.161  $\mu\text{m}$                       d(0.9): 213.902  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.04	37.000	0.03	105.000	14.61	300.000	0.78	840.000	0.00
0.060	0.00	2.000	1.31	44.000	0.35	125.000	16.06	350.000	0.06	1000.000	0.00
0.120	0.00	3.900	2.17	53.000	1.42	149.000	14.39	420.000	0.00	2000.000	0.00
0.240	0.00	7.800	3.32	63.000	3.36	177.000	10.88	500.000	0.00		
0.490	0.00	15.600	2.79	74.000	6.98	210.000	6.84	590.000	0.00		
0.700	0.00	31.000	0.06	88.000	11.31	250.000	3.24	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15C

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 8:50:07 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 8:50:08 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:**

17.46 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.845 %

**Result Emulation:**

Off

**Concentration:**

0.0554 %Vol

**Span :**

2.172

**Uniformity:**

0.894

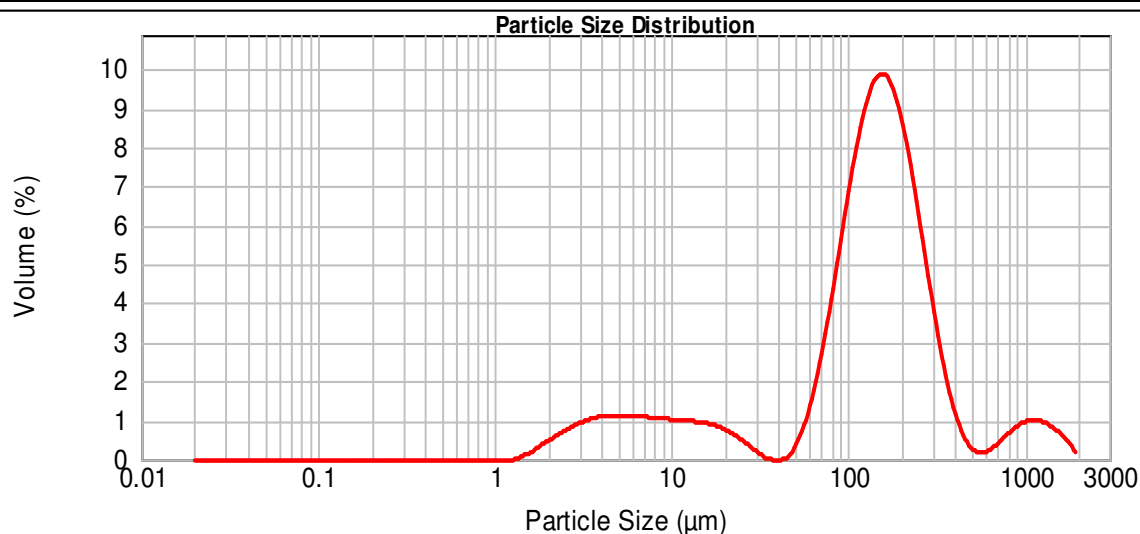
**Result units:**

Volume

**Specific Surface Area:**

0.223  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

26.926  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

197.065  $\mu\text{m}$ 
**d(0.1): 8.553  $\mu\text{m}$** 
**d(0.5): 140.163  $\mu\text{m}$** 
**d(0.9): 312.947  $\mu\text{m}$** 


— 15C, Wednesday, 17 June 2009 8:50:07 p.m.

Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.62	37.000	0.00	105.000	9.57	300.000	2.99	840.000	1.02
0.060	0.00	2.000	3.69	44.000	0.31	125.000	11.04	350.000	1.71	1000.000	3.48
0.120	0.00	3.900	5.05	53.000	1.26	149.000	11.04	420.000	0.55	2000.000	
0.240	0.00	7.800	4.58	63.000	2.62	177.000	9.96	500.000	0.19		
0.490	0.00	15.600	2.78	74.000	4.90	210.000	8.17	590.000	0.37		
0.700	0.00	31.000	0.05	88.000	7.47	250.000	5.91	710.000	0.68		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15Cr

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 8:58:41 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 8:58:42 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:**

18.04 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.819 %

**Result Emulation:**

Off

**Concentration:**

0.0536 %Vol

**Span :**

2.718

**Uniformity:**

1.05

**Result units:**

Volume

**Specific Surface Area:**

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

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

25.246  $\mu\text{m}$

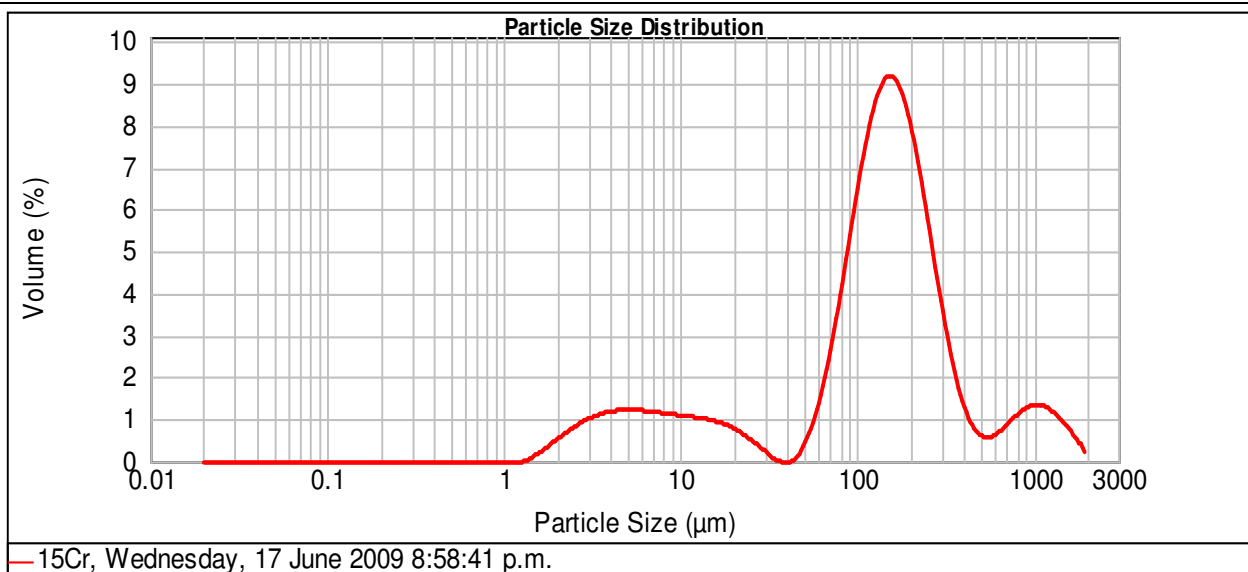
**Vol. Weighted Mean D[4,3]:**

216.210  $\mu\text{m}$

**d(0.1): 7.609  $\mu\text{m}$**

**d(0.5): 140.630  $\mu\text{m}$**

**d(0.9): 389.863  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.69	37.000	0.00	105.000	9.02	300.000	2.85	840.000	1.48
0.060	0.00	2.000	4.01	44.000	0.38	125.000	10.32	350.000	1.81	1000.000	4.32
0.120	0.00	3.900	5.49	53.000	1.31	149.000	10.25	420.000	0.87	2000.000	
0.240	0.00	7.800	4.86	63.000	2.59	177.000	9.20	500.000	0.63		
0.490	0.00	15.600	2.89	74.000	4.73	210.000	7.53	590.000	0.93		
0.700	0.00	31.000	0.07	88.000	7.11	250.000	5.48	710.000	1.18		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15D

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 9:12:33 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 9:12:34 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:**

18.01 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.964 %

**Result Emulation:**

Off

**Concentration:**

0.1226 %Vol

**Span :**

1.375

**Uniformity:**

0.434

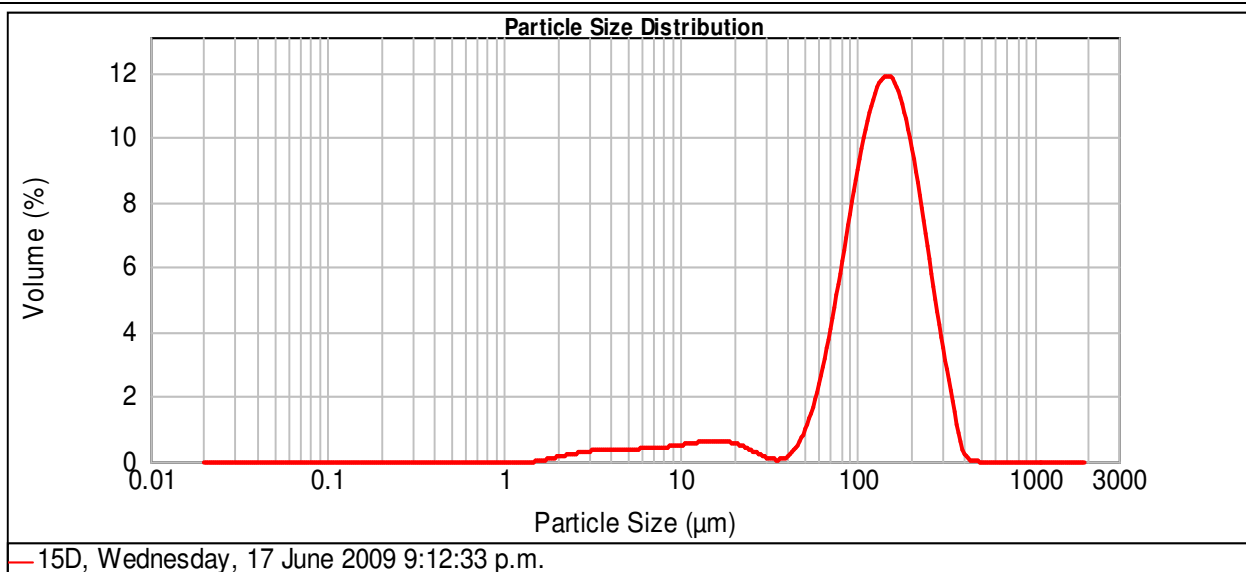
**Result units:**

Volume

**Specific Surface Area:**

0.112  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

53.518  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

143.219  $\mu\text{m}$ 
**d(0.1): 58.895  $\mu\text{m}$** 
**d(0.5): 135.098  $\mu\text{m}$** 
**d(0.9): 244.712  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.11
2.000	1.24
3.900	1.78
7.800	2.47
15.600	1.97
31.000	0.08
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.21
44.000	0.95
53.000	2.30
63.000	4.03
74.000	6.90
88.000	9.90
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	12.15
125.000	13.53
149.000	13.07
177.000	11.36
210.000	8.87
250.000	5.87
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	2.56
350.000	0.63
420.000	0.02
500.000	0.00
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15Dr

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 9:20:43 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 9:20:44 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:**

18.58 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.826 %

**Result Emulation:**

Off

**Concentration:**

0.1387 %Vol

**Span :**

1.266

**Uniformity:**

0.406

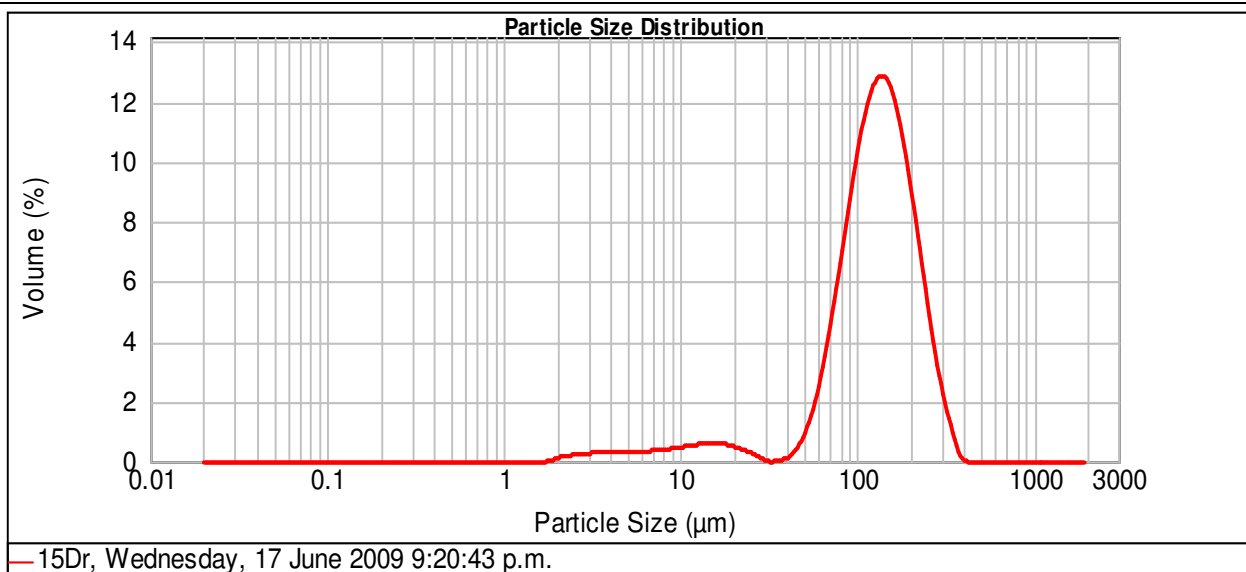
**Result units:**

Volume

**Specific Surface Area:**

0.104  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

57.628  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

135.802  $\mu\text{m}$ 
**d(0.1): 62.423  $\mu\text{m}$** 
**d(0.5): 128.617  $\mu\text{m}$** 
**d(0.9): 225.312  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.04
2.000	1.07
3.900	1.52
7.800	2.33
15.600	1.68
31.000	0.01
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.18
44.000	0.92
53.000	2.42
63.000	4.47
74.000	7.86
88.000	11.37
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	13.74
125.000	14.75
149.000	13.43
177.000	10.75
210.000	7.50
250.000	4.25
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	1.49
350.000	0.21
420.000	0.00
500.000	0.00
590.000	0.00
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
15E

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Wednesday, 17 June 2009 9:28:14 p.m.

**Analysed:**  
Wednesday, 17 June 2009 9:28:15 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.644 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
18.86 %

**Result Emulation:**  
Off

**Concentration:**  
0.0694 %Vol

**Span :**  
1.981

**Uniformity:**  
0.568

**Result units:**  
Volume

**Specific Surface Area:**  
0.198  $\text{m}^2/\text{g}$

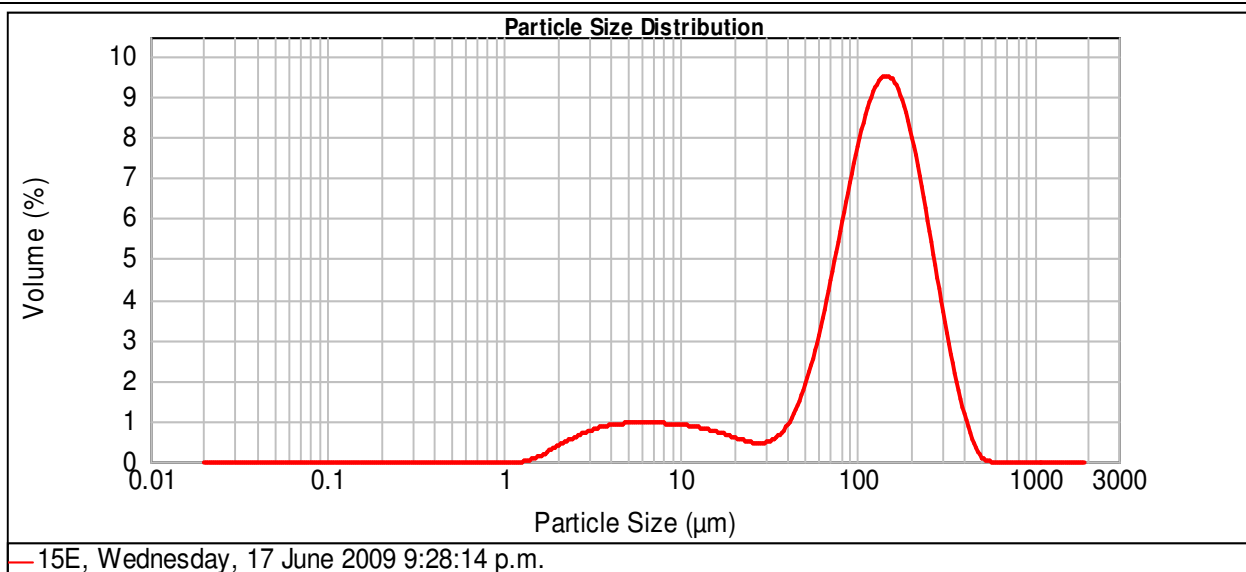
**Surface Weighted Mean D[3,2]:**  
30.315  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
134.147  $\mu\text{m}$

**d(0.1):** 11.496  $\mu\text{m}$

**d(0.5):** 123.213  $\mu\text{m}$

**d(0.9):** 255.549  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.46	37.000	1.06	105.000	10.01	300.000	2.96	840.000	0.00
0.060	0.00	2.000	2.94	44.000	2.05	125.000	10.85	350.000	1.73	1000.000	0.00
0.120	0.00	3.900	4.28	53.000	3.21	149.000	10.47	420.000	0.44	2000.000	0.00
0.240	0.00	7.800	3.95	63.000	4.47	177.000	9.32	500.000	0.01		
0.490	0.00	15.600	2.51	74.000	6.62	210.000	7.68	590.000	0.00		
0.700	0.00	31.000	0.66	88.000	8.64	250.000	5.67	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

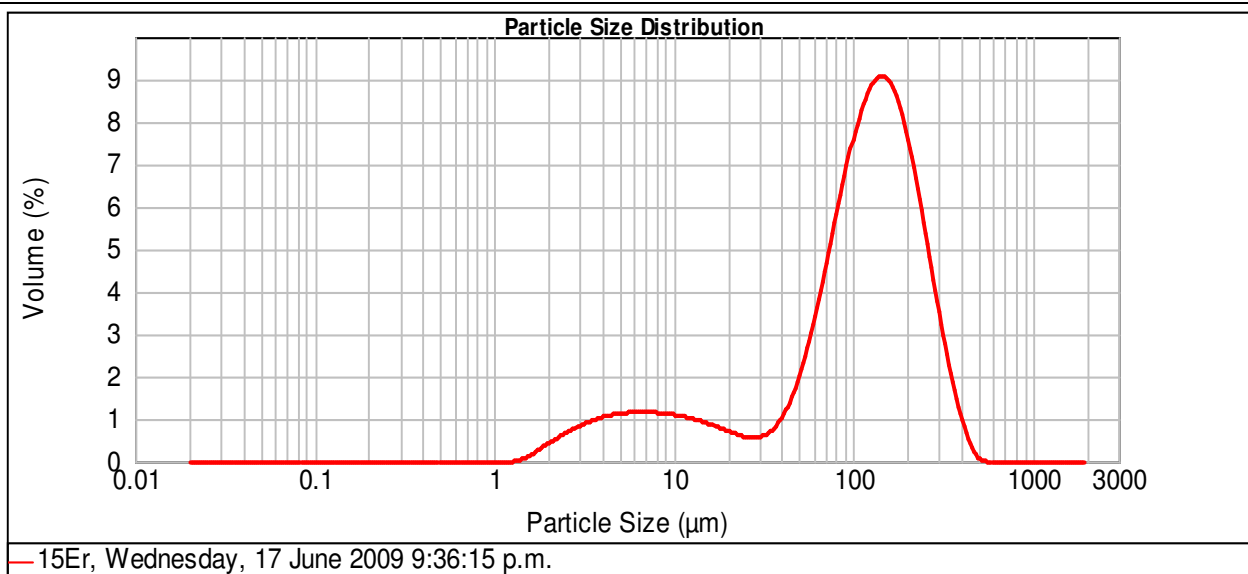
<b>Sample Name:</b> 15Er	<b>SOP Name:</b> Marine Sediment	<b>Measured:</b> Wednesday, 17 June 2009 9:36:15 p.m.
<b>Sample Source &amp; type:</b>	<b>Measured by:</b> tme7	<b>Analysed:</b> Wednesday, 17 June 2009 9:36:16 p.m.
<b>Sample bulk lot ref:</b>	<b>Result Source:</b> Measurement	

<b>Particle Name:</b> Marine Sediment	<b>Accessory Name:</b> None	<b>Analysis model:</b> General purpose	<b>Sensitivity:</b> Enhanced
<b>Particle RI:</b> 1.500	<b>Absorption:</b> 0	<b>Size range:</b> 0.020 to 2000.000 um	<b>Obscuration:</b> 17.76 %
<b>Dispersant Name:</b> Water	<b>Dispersant RI:</b> 1.330	<b>Weighted Residual:</b> 0.586 %	<b>Result Emulation:</b> Off

<b>Concentration:</b> 0.0580 %Vol	<b>Span :</b> 2.058	<b>Uniformity:</b> 0.603	<b>Result units:</b> Volume
<b>Specific Surface Area:</b> 0.221 m <sup>2</sup> /g	<b>Surface Weighted Mean D[3,2]:</b> 27.097 um	<b>Vol. Weighted Mean D[4,3]:</b> 128.814 um	

**d(0.1): 9.004 um                      d(0.5): 117.952 um                      d(0.9): 251.730 um**



Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %
0.050	0.00	0.980	0.49	37.000	1.20	105.000	9.65	300.000	2.81	840.000	0.00
0.060	0.00	2.000	3.32	44.000	2.19	125.000	10.37	350.000	1.65	1000.000	0.00
0.120	0.00	3.900	5.12	53.000	3.30	149.000	9.96	420.000	0.42	2000.000	0.00
0.240	0.00	7.800	4.78	63.000	4.49	177.000	8.83	500.000	0.01		
0.490	0.00	15.600	3.04	74.000	6.53	210.000	7.27	590.000	0.00		
0.700	0.00	31.000	0.80	88.000	8.41	250.000	5.37	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**



## Result Analysis Report

**Sample Name:**  
15F

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Wednesday, 17 June 2009 9:43:48 p.m.

**Analysed:**  
Wednesday, 17 June 2009 9:43:49 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.951 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
18.52 %

**Result Emulation:**  
Off

**Concentration:**  
0.0831 %Vol

**Span :**  
2.258

**Uniformity:**  
0.758

**Result units:**  
Volume

**Specific Surface Area:**  
0.164  $\text{m}^2/\text{g}$

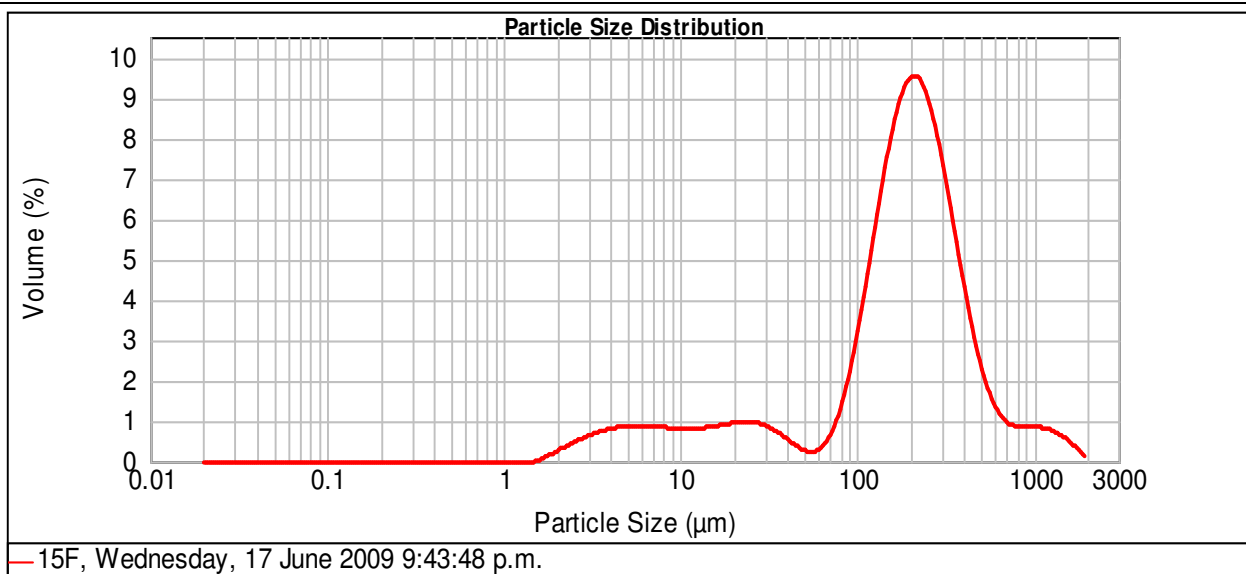
**Surface Weighted Mean D[3,2]:**  
36.688  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
242.696  $\mu\text{m}$

**d(0.1):** 14.530  $\mu\text{m}$

**d(0.5):** 190.906  $\mu\text{m}$

**d(0.9):** 445.638  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	0.23	37.000	0.60	105.000	5.49	300.000	6.62	840.000	0.97
0.060	0.00	2.000	2.49	44.000	0.37	125.000	7.87	350.000	5.61	1000.000	2.75
0.120	0.00	3.900	3.93	53.000	0.31	149.000	9.61	420.000	3.38	2000.000	
0.240	0.00	7.800	3.76	63.000	0.63	177.000	10.56	500.000	1.92		
0.490	0.00	15.600	4.25	74.000	1.63	210.000	10.66	590.000	1.35		
0.700	0.00	31.000	0.89	88.000	3.34	250.000	9.83	710.000	0.96		
0.980	0.00	37.000		105.000		300.000		840.000			

**Operator notes:**

## Result Analysis Report

**Sample Name:**  
15Fr

**Sample Source & type:**

**Sample bulk lot ref:**

**SOP Name:**  
Marine Sediment

**Measured by:**  
tme7

**Result Source:**  
Measurement

**Measured:**  
Wednesday, 17 June 2009 9:50:39 p.m.

**Analysed:**  
Wednesday, 17 June 2009 9:50:40 p.m.

**Particle Name:**  
Marine Sediment

**Particle RI:**  
1.500

**Dispersant Name:**  
Water

**Accessory Name:**  
None

**Absorption:**  
0

**Dispersant RI:**  
1.330

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000  $\mu\text{m}$

**Weighted Residual:**  
0.941 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
18.18 %

**Result Emulation:**  
Off

**Concentration:**  
0.0672 %Vol

**Span :**  
2.047

**Uniformity:**  
0.645

**Result units:**  
Volume

**Specific Surface Area:**  
0.197  $\text{m}^2/\text{g}$

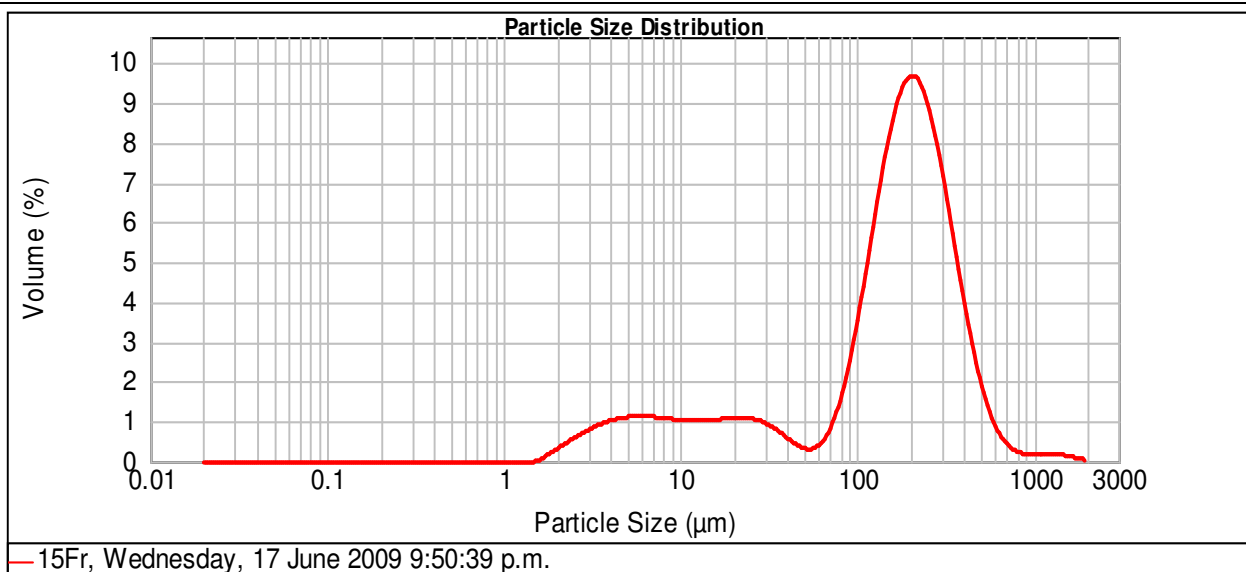
**Surface Weighted Mean D[3,2]:**  
30.413  $\mu\text{m}$

**Vol. Weighted Mean D[4,3]:**  
195.254  $\mu\text{m}$

**d(0.1):** 9.850  $\mu\text{m}$

**d(0.5):** 174.402  $\mu\text{m}$

**d(0.9):** 366.824  $\mu\text{m}$



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	0.27
2.000	3.08
3.900	5.01
7.800	4.73
15.600	4.77
31.000	0.95
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.65
44.000	0.44
53.000	0.41
63.000	0.80
74.000	1.90
88.000	3.72
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	5.92
125.000	8.30
149.000	9.96
177.000	10.76
210.000	10.69
250.000	9.68
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	6.39
350.000	5.24
420.000	2.95
500.000	1.45
590.000	0.73
710.000	0.30
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.22
1000.000	0.69
2000.000	

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15G

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 9:59:03 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 9:59:05 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:**

18.28 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.771 %

**Result Emulation:**

Off

**Concentration:**

0.0285 %Vol

**Span :**

2.629

**Uniformity:**

0.92

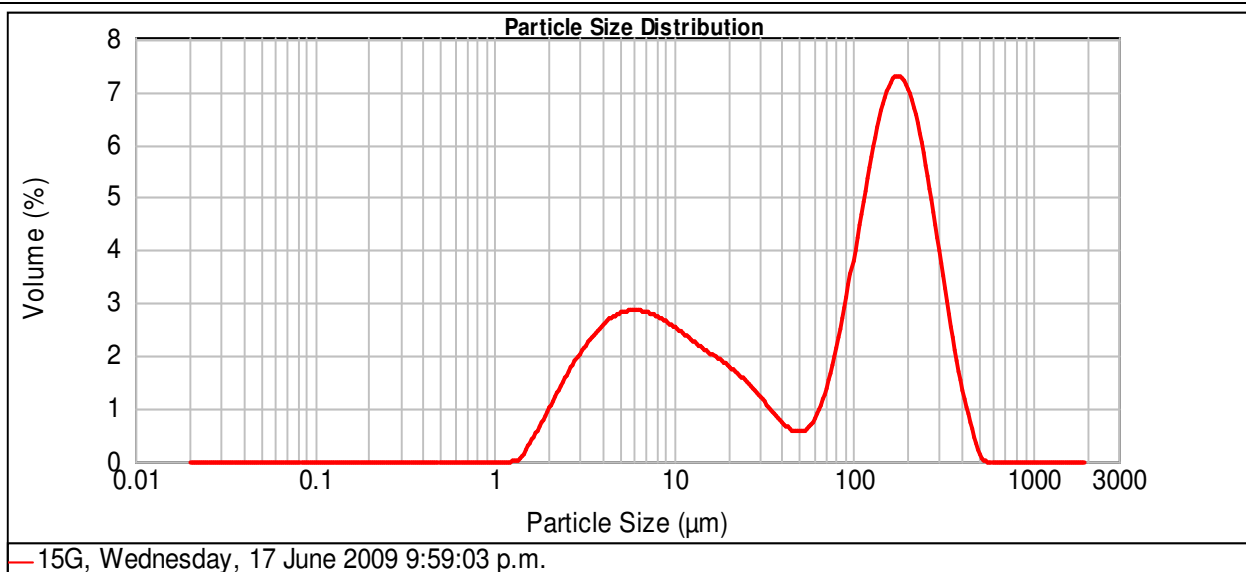
**Result units:**

Volume

**Specific Surface Area:**

0.454  $\text{m}^2/\text{g}$ 
**Surface Weighted Mean D[3,2]:**

13.205  $\mu\text{m}$ 
**Vol. Weighted Mean D[4,3]:**

112.331  $\mu\text{m}$ 
**d(0.1): 4.112  $\mu\text{m}$** 
**d(0.5): 99.243  $\mu\text{m}$** 
**d(0.9): 264.985  $\mu\text{m}$** 


Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %	Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00	0.980	1.12	37.000	0.83	105.000	5.75	300.000	3.32	840.000	0.00
0.060	0.00	2.000	7.98	44.000	0.69	125.000	7.35	350.000	2.16	1000.000	0.00
0.120	0.00	3.900	12.63	53.000	0.78	149.000	8.09	420.000	0.76	2000.000	0.00
0.240	0.00	7.800	11.07	63.000	1.25	177.000	8.02	500.000	0.02		
0.490	0.00	15.600	7.51	74.000	2.40	210.000	7.24	590.000	0.00		
0.700	0.00	31.000	1.18	88.000	4.03	250.000	5.83	710.000	0.00		
0.980	0.00	37.000		105.000		300.000		840.000	0.00		

**Operator notes:**

## Result Analysis Report

**Sample Name:**

15Gr

**SOP Name:**

Marine Sediment

**Measured:**

Wednesday, 17 June 2009 10:06:51 p.m.

**Sample Source & type:**
**Measured by:**

tme7

**Analysed:**

Wednesday, 17 June 2009 10:06:52 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:**

17.68 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.871 %

**Result Emulation:**

Off

**Concentration:**

0.0307 %Vol

**Span :**

2.290

**Uniformity:**

0.774

**Result units:**

Volume

**Specific Surface Area:**

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

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

14.851  $\mu\text{m}$

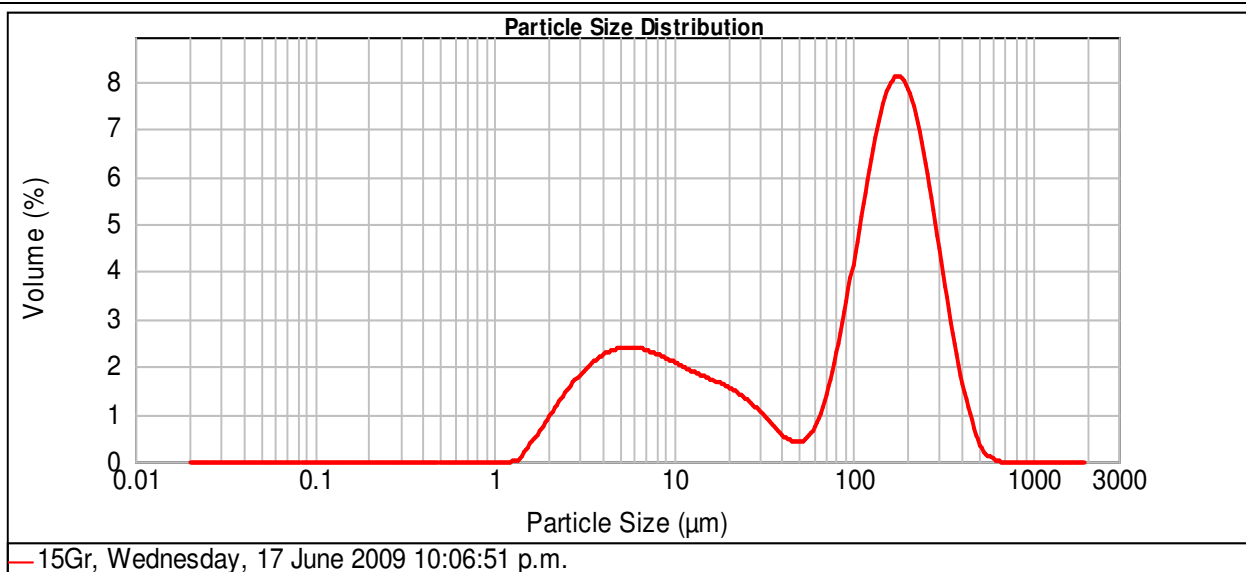
**Vol. Weighted Mean D[4,3]:**

125.925  $\mu\text{m}$

**d(0.1): 4.377  $\mu\text{m}$**

**d(0.5): 119.552  $\mu\text{m}$**

**d(0.9): 278.135  $\mu\text{m}$**



Size ( $\mu\text{m}$ )	Volume In %
0.050	0.00
0.060	0.00
0.120	0.00
0.240	0.00
0.490	0.00
0.700	0.00
0.980	0.00

Size ( $\mu\text{m}$ )	Volume In %
0.980	1.12
2.000	7.17
3.900	10.67
7.800	9.15
15.600	6.46
31.000	0.98
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.63
44.000	0.50
53.000	0.65
63.000	1.22
74.000	2.53
88.000	4.39
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.33
125.000	8.14
149.000	8.98
177.000	8.92
210.000	8.07
250.000	6.53
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	3.76
350.000	2.54
420.000	1.03
500.000	0.22
590.000	0.01
710.000	0.00
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	0.00
1000.000	0.00
2000.000	

**Operator notes:**