

## Result Analysis Report

**Sample Name:**

2nd Buffalo

**SOP Name:**

Marine Sediment

**Measured:**

Monday, 4 December 2006 11:01:53 a.m.

**Sample Source & type:**

Whitianga

**Measured by:**

jacinta

**Analysed:**

Monday, 4 December 2006 11:01:54 a.m.

**Sample bulk lot ref:**

2

**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:**

14.03 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.703 %

**Result Emulation:**

Off

**Concentration:**

0.1312 %Vol

**Span :**

3.501

**Uniformity:**

1.01

**Result units:**

Volume

**Specific Surface Area:**

0.0888  $\text{m}^2/\text{g}$

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

67.588  $\mu\text{m}$

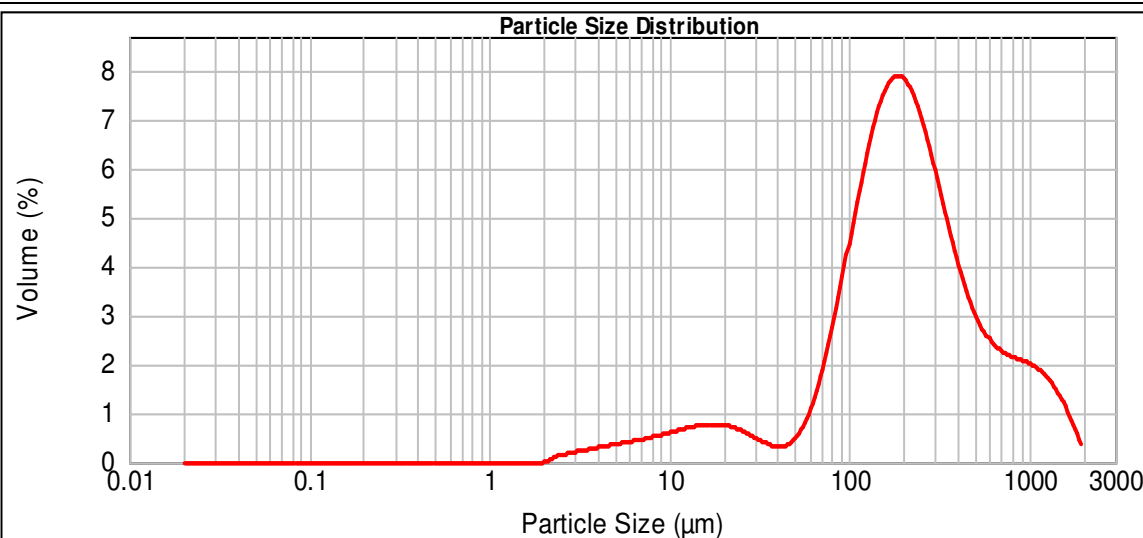
**Vol. Weighted Mean D[4,3]:**

314.265  $\mu\text{m}$

**d(0.1): 54.302  $\mu\text{m}$**

**d(0.5): 200.964  $\mu\text{m}$**

**d(0.9): 757.777  $\mu\text{m}$**



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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	0.75
3.900	1.80
7.800	2.90
15.600	3.10
31.000	0.47
37.000	

Size ( $\mu\text{m}$ )	Volume In %
37.000	0.37
44.000	0.52
53.000	0.96
63.000	1.70
74.000	3.09
88.000	4.80
105.000	

Size ( $\mu\text{m}$ )	Volume In %
105.000	6.43
125.000	7.92
149.000	8.65
177.000	8.79
210.000	8.49
250.000	7.81
300.000	

Size ( $\mu\text{m}$ )	Volume In %
300.000	5.52
350.000	5.23
420.000	3.90
500.000	2.99
590.000	2.87
710.000	2.39
840.000	

Size ( $\mu\text{m}$ )	Volume In %
840.000	2.36
1000.000	6.19
2000.000	

Operator notes: