

## Result Analysis Report

**Sample Name:**

Hamilton Ash 1

**SOP Name:**

Soil

**Measured:**

Thursday, 23 April 2009 8:54:25 a.m.

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

bm60

**Analysed:**

Thursday, 23 April 2009 8:54:26 a.m.

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

Measurement

**Particle Name:**

Soil

**Accessory Name:**

None

**Analysis model:**

General purpose

**Sensitivity:**

Enhanced

**Particle RI:**

1.520

**Absorption:**

0.01

**Size range:**

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

**Obscuration:**

9.19 %

**Dispersant Name:**

Water

**Dispersant RI:**

1.330

**Weighted Residual:**

0.255 %

**Result Emulation:**

Off

**Concentration:**

0.0049 %Vol

**Span :**

30.352

**Uniformity:**

12.3

**Result units:**

Volume

**Specific Surface Area:**

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

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

0.238  $\mu\text{m}$

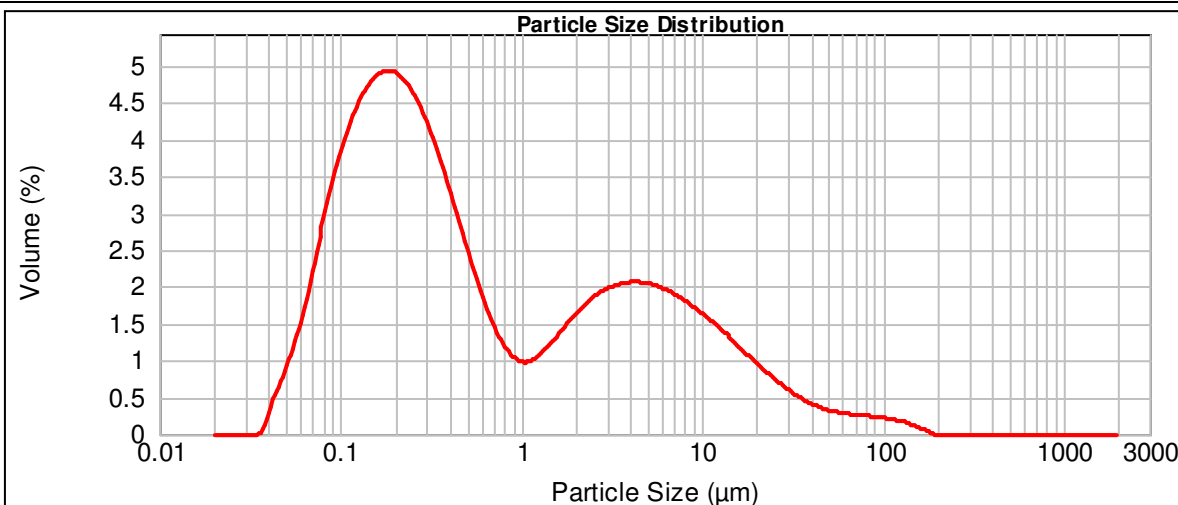
**Vol. Weighted Mean D[4,3]:**

4.701  $\mu\text{m}$

**d(0.1): 0.094  $\mu\text{m}$**

**d(0.5): 0.369  $\mu\text{m}$**

**d(0.9): 11.308  $\mu\text{m}$**



— Hamilton Ash 1, Thursday, 23 April 2009 8:54:25 a.m.

Size ( $\mu\text{m}$ )	Volume In %
0.060	66.12
2.000	

Size ( $\mu\text{m}$ )	Volume In %
2.000	30.13
63.000	

Size ( $\mu\text{m}$ )	Volume In %
63.000	1.31
2000.000	

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

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

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

**Operator notes:**