

## Result: Histogram Report

User Name: Jacinta Parenzee

Security Level: 1

### Sample Details

Sample ID: 126  
 Sample File: ORLA  
 Sample Path: C:\SIZERS\DATA\ORLA\  
 Sample Notes: Mahoenui Group mudstones, field

Run Number: 2  
 Record Number: 1

Measured: Sat 12 Jan 2008 10:06a.m.  
 Analysed: Sat 12 Jan 2008 10:06a.m.  
 Result Source: Analysed

### System Details

Range Lens: 300RF mm  
 Presentation: 3OHD  
 Analysis Model: Polydisperse  
 Modifications: None

Beam Length: 2.40 mm  
 [Particle R.I. = ( 1.5295, 0.1000); Dispersant R.I. = 1.3300]

Sampler: MS17

Obscuration: 18.4 %

Residual: 0.540 %

### Result Statistics

Distribution Type: Volume  
 Mean Diameters:  
 D [4, 3] = 46.07 um

Concentration = 0.0142 %Vol  
 D (v, 0.1) = 1.38 um  
 D [3, 2] = 3.11 um

Density = 2.560 g / cub. cm  
 D (v, 0.5) = 21.25 um  
 Span = 5.869E+00

Specific S.A. = 0.7524 sq. m / g  
 D (v, 0.9) = 126.08 um  
 Uniformity = 1.862E+00

Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %	Size (um)	Volume In %
0.050	0.00	3.90	11.02	74.00	4.26	300.0	0.46
0.060	0.12	7.80	11.39	88.00	3.91	350.0	0.02
0.120	1.06	15.60	12.50	105.0	3.35	420.0	0.00
0.240	2.81	31.00	3.81	125.0	2.85	500.0	0.00
0.490	1.62	37.00	4.02	149.0	2.32	590.0	0.00
0.700	1.86	44.00	4.59	177.0	1.89	710.0	0.00
0.980	6.13	53.00	4.51	210.0	1.52	840.0	0.00
2.00	8.69	63.00	4.19	250.0	1.09	1000.0	0.00
3.90		74.00		300.0		2000.0	0.00

