

# Particle size analysis

Cefas Endeavour



Sample on deck



Grab

Coarse fraction (> 500µm)



Wet sieve



Fine fraction (< 500µm)



Dry sieve



Laser size

Dry Sieve Data 500µm

Area name:  
Batch no:  
Cruise:  
Station No:

A. Foll tray - dry sample wt (g)  
B. Foll tray wt (g)  
C. Expected sample wt (g) A-B  
D. Sieved sample wt (g)  
E. Difference in wt (g)

Phi	mm(µm)	wt retained (g)
0	63mm	
-0.5	48mm	
-1	37.5mm	
-1.5	28mm	
-2	18mm	
-2.5	11.2mm	
-3	8mm	
-3.5	5.6mm	
-4	4mm	
-4.5	2.8mm	
-5	2mm	
-5.5	1.4mm	
-6	1mm	
-6.5	710µm	
-7	500µm	
-7.5	<500µm	
-8	Total weight (g)	

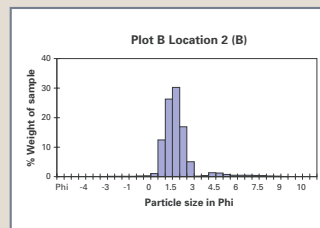
Notes:



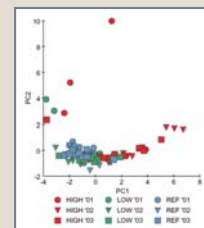
2.8mm sieve

Dry sieve data results

Data merged



Data



Statistical analysis

Derived measures

Area	Station	Area Phi	Area Weight	Area Vol	Area Density	Area Area	Area Circ	Area Circ	Area Circ	Area Circ	Area Circ	Area Circ
Area 1	Location 1	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 2	Location 2	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 3	Location 3	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 4	Location 4	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 5	Location 5	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 6	Location 6	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 7	Location 7	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Area 8	Location 8	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000



Publication

Laser sizer results

