

COMPUTERISED STATISTICAL METHOD TO ANALYSE THE GRAIN-SIZE
DISTRIBUTION IN BOTTOM SEDIMENT

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The samples taken from near-shore to reef area around Beruwela were analysed in different grain sizes taking the weight percentage into consideration.

Data derived from this analysis was computed with a programme which compared the statistical parameters based on moment measures.

Plotting various statistical parameters showed a well sorted picture of the grain sizes obtained from the samples taken at Beruwela.

The four statistical parameters mean-size, standard deviation, skewness and kurtosis indicate the accumulation or winnowing of sediments in this study area.