



**ALLSCHOOLABS
SCIENTIFIC**

Fastest & Most Credible



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REF: PSD2/022

Grain size analysis was conducted your samples.

The analysis was carried out in unit two of Allschoolabs laboratory.

The analysis was aimed at measuring the individual grain sizes of the samples. About 100g of each sample were disaggregated using a porcelain mortar and pestle. The disaggregated samples were thoroughly mixed and split into quarters. This was weighed in a meter balance (P20 model) of a precision 0.011g. Then each sample were poured into a set of US mesh sieves comprising of 2.00, 1.18, 0.85, 0.60, 0.425, 0.30, 0.025, 0.5, 0.10, 0.075 and 0.063mm and a receiving pan. The fraction retained in each sieve and the pan was weighed in a balance and its weight recorded and tabulated. The percentage aggregate was visually estimated and expressed in percentage. The individual weight percentage was calculated and also the cumulative weight percentage. The grain size (in phi) was then plotted on the ordinated while the individual sample weight (in %) was plotted on the abscissa,

Ogundipe Adebanke
Executive Marketing Director

