

## THE ABSTRACT

The project sets out to investigate the workability of concrete made with Trinidad Guanapo Aggregate within the full range of practical Aggregate/Cement and Water/Cement ratios. The range covered experimentally lies between Aggregate/Cement ratios of three and six and Water/Cement ratios of 0.4 and 0.7 and three percentages of fine aggregate (35%, 40% and 45%) are used. The possible relationship to compressive strength is also investigated.

The nature of workability is reviewed in a Chapter dealing with its concepts, factors influencing it and different tests for it. The results of slump, compacting factor, V-B degree, fresh density, seven-day and twenty-eight-day compressive strength tests are presented, described and compared. An analysis of these results is undertaken and their practical relevance outlined.

Conclusions are stated in point form.

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