

CORRELATION BETWEEN THE A.C.V. & A.I.V. OF AGGREGATES

By

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Project Report

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SUMMARY

The scope of this project is to give general information about aggregates giving emphasis to their Impact and Crushing Value.

In order to satisfy the objectives of the project this was divided into four chapters. In the first chapter, general theory on aggregates used in road pavements and concrete is given. The main groups and the desirable properties of the aggregates are also discussed.

In the second chapter the most important laboratory tests are discussed giving emphasis to AIV and ACV. Also the importance of correct sampling is strongly emphasised.

In the third chapter a brief reference to Cyprus Aggregates is given together with typical road and concrete specifications.

Finally the fourth chapter is experimental. In this chapter the results and comments of the experiments done are given.

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