

# **Engineering properties of rocks and their suitability for construction in parts of Nalgonda Dist A.P. India.**

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## **ABSTRACT**

Engineering properties like Density, Porosity, Elastic module, Compressive strength, Tensile strength and specific gravity of different rock types in parts of Nalgonda district are carried out to access to determine their soundness and their suitability to using as building stones.

The present study area forms a part of peninsular India belonging to the Precambrian age. The rocks present in this area belongs to Archeans and Proterozoic age. The present investigated area is falls in the survey of India toposheet No. 56P/13 and P/14.

The values of different properties are presented and the relationship among them is established. The present study will be useful to understand the mechanical behavior of rock. It is also useful in using rock as a construction material such as building stones etc.

The values of different properties of rocks indicate that they are suitable to be used as building material.