

ABSTRACT

Bulontala Quarry is one of the quarry is located in the district of Bone Bolango. Quarry Bulontala has potential in the supply of aggregate material to aggregate base course material and is often used for road improvement projects, especially those in Bone regency Bolango. The purpose of this study was to determine the characteristics of the material aggregate Quarry Bulontala.

The study was conducted at the Laboratory of Civil Engineering, University State of Gorontalo. Testing based on specifications of Highways 2010 Revision 3. Examination includes grading tests, broken grains, abrasion and limits of Atterberg.

The test results Quarry Bulontala aggregate material is abrasion 26.53%, liquid limit 16.08% and plasticity index of 9.30%, with the percentage angularity grading 58.89% and 62.87% meet the specifications as Aggregate Base Class S.

Keywords : Aggregate Base, Quarry Bulontala, Specifications Highways 2010
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