

ABSTRACT

District Grobogan which is located between two ridges kendeng having a source of considerable limestones reliable, although a contribution from mining and quarrying sector in the formation of regional Gross Domestic Product (GDP) until now is still relatively small. It is caused by the presence of some obstacles such as the mining method, in the manner of processing results and human resources. These condition is very possible transparency opportunity for investors to invest its capital in order to manage limestones optimally.

Limestones resources potential in the district Grobogan having large amount that is 112.730.937.707 tons .The potential limestones resources that indentified in 16 sub-district, Which is sub-district Klambu, Brati, Grobogan, Tawangharjo, Wirosari, Ngaringan, Tanggunharjo, Kedungjati, Gubug, Karangrayung, Penawangan, Toroh, Geyer, Pulokulon, Kradenan, and Gabus.

Limestones mining activities have been done by 19 business entities IUP holders , which 15 business entities holders IUP Production Operation and 4 business entities holders IUP Exploration .The production of limestones in the district Grobogan during the last 4 years (2010 , 2011 , 2012 , 2013) recorded a number of 2.897.103 tons.

The preparation of the balance limestones resources in the district Grobogan following instructions technical the balance of spatial natural resource book 4 the preparation of national coal and mineral resources of the spatial 2011. Steps of preparing an inventory of potential limestones resources in the district Grobogan , inventory is the beginning of this being the data limestones resources assets after multiplied by the selling price of the limestones at the moment. Utilization or production of limestones will be filling columns of liabilities after multiplied by the price of limestones. The value of assets who was then reduced by the value of liabilities to get the end of the balance limestones resources value. Of research results as well as the potential resources balance of limestone in Grobogan had assets amounting to Rp. 343.962.506.783.169,- and liability of Rp 8.839.585.925,- acquired balance end of limestone resources amounting to Rp. 343.953.667.197.244,- by 2014. From this result can be seen increasing the potential within business sector mining limestones in increasing local revenue in District Grobogan if properly managed.

The quality of limestones in District Grobogan having value chemical composition $\text{CaO} = 51,66\%$ to $54,79\%$, $\text{MgO} = 0,45\%$ to $2,77\%$, $\text{Fe}_2\text{O}_3 = 0.02\%$ to 0.13% , $\text{Al}_2\text{O}_3 = 0.10\%$ to $4,04\%$, and $\text{SiO}_2 = 0,74\%$ to $3,06\%$.Limestones potential resources not separated from the utilization of limestones itself, limestones having some utilization of quality requirements certain limestones, expected to adjust the utilization of of the value of the quality of existing limestones .