

ABSTRACT

Kebumen is one of the districts in Central Java province, that located in the southern part and near the Indian Ocean. Kebumen has an area of $\pm 128,111.50$ Ha and divided into 26 sub-districts, the names are Ayah, Buayan, Puring, Petanahan, Klirong, Bulupesantren, Ambal, Mirit, Prembun, Kutowinangun, Alian, Kebumen, Pejagoan, Sruweng, Adimulya, Kuwarasan, Rowokele, Sempor, Gembong, Karanganyar, Karanggayam, Sadang, Karangsambung, Padureso, Poncowarno, dan Bonorowo. Astronomically Kebumen region located at $7^{\circ} 27' 00''$ - $7^{\circ} 50' 00''$ South Latitude and $109^{\circ} 22' 00''$ - $109^{\circ} 50' 00''$ East Longitude.

Mineral resources scaling is a mineral resource evaluation, which presents the initial backup, change / utilization, and the environmental damage that caused by exploitation as an environmental degradation factors and financing it and also the final state in the form of tables and the maps of mineral resources spreading.

Based on the results of the inventory of minerals in Kebumen, minerals that have potential in Kebumen that have had IUP exploration and IUP production operations consists of 4 kind minerals, that are andesite, limestone, iron sand, and urug soil. That four minerals are scattered in 15 sub-districts, the sub-districts are Ayah, Buayan, Petanahan, Prembun, Padureso, Kutowinangun, Alian, Pejagoan, Rowokele, Sempor, Karanganyar, Karangayam, Mirit, Sadang, and Karangsambung. The total resources for each minerals are, andesite 39.198.627.750 tons, limestone 19.937.120.400 tons, 78.200.000 tons of iron sand and urug soil 1.606.320.000 tons.

Total production for the four minerals contained in Kebumen are as follows:

- Andesite in 2010-2013 amounted to 357.008 tonnes*
- Limestone in 2010-2013 amounted to 88.152 tonnes*
- iron sand in 2012-2013 amounted to 31.960 tonnes*
- soil Urug in 2010-2013 amounted to 34.791 tonnes*

From the data production can be structured to scaling mineral resources of Kebumen on four commodities are as follows:

- Andesite Rp. 1.286.414.542.500.000 Assets, - Liabilities Rp. 26.775.600.000, -*
- Limestone Assets Rp. 1.670.005.524.600.000, - Liabilities Rp. 7.933.680.000-*
- Iron Sand Assets Rp. 18.076.160.692.200.000, - Liabilities Rp. 9.588.000.000, -*
- Land Assets Urug Rp. 112.442.110.200.000, - Liabilities Rp. 2.435.370.000, -*