



Penentuan daerah prioritas reklamasi atas dasar penilaian kerusakan lahan pertambangan batugamping (Kasus di desa Sendangsari kecamatan Pengasih kabupaten Kulonprogo D.I.Y)
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ABSTRACT

Mining is a sample utilization of sample area which is potential to occur harms if people don't pay attention with surrounding environment. Existence or potential mine material such as limestone, lead human to exploitations.

The objectives of the research were to study the damaged land degree due to the limestone mining and to determine the land reclamation priority sequence and also to find the reclamation model.

This research is done by using purposive sampling method and value analysis method. Purposive sampling method is used to choose mining location research area is picked purposively, consist of 4 villages, these villages are chosen because they have high intensity of limestone mining, there for these example to be a model of area damage are a result of limestone mining on Sendangsari village. Value analysis method, this method is assessment variables of damage area. Research variables for open mining system without tunneling have variables. The level of the land damage was evaluated using the mine land damage score. Sample taken by using the purposive sampling in Sendangsari Village. The land reclamation priority sequence arranged by considering the land damage level and wide of the mining area.

The results of the research showed that the land damage occurred in whole of the mining area. The land damage at slight level by MLDI is 86-92 or 2,04% occurred in the land area in 214,64 hectare occurred in 3 land units. The land damage at heavy level by MLDI is 166-172 or 5,29% occurs in the land unit in 56,42 hectare or 5,29%. The first of land reclamation priority sequence consists 3 land units, for the third of land reclamation. Priority sequence consists from 1 land unit. The suggested reclamation model is combined reclamation model, by making vegetative terrace considering the condition of soil and stone.

Keywords: mining, reclamation.