

EVALUATION OF RECLAMATION AND REVEGETATION IN POST LIMESTONE  
MINING AT PT. SUGIH ALAMANUGROHO  
BEDOYO VILLAGE, PONJONG, GUNUNGKIDUL  
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Abstract

The study was conducted at PT. Sugih Alamanugroho Bedoyo Village, District Ponjong, Gunungkidul, Yogyakarta which is a company specialized in mining limestone with the chemical content of  $\text{CaCO}_3$  (calcium carbonate). Open pit mining, a mining system by opening and taking the upper layer of soil to mine the minerals inside, is used as the mining system. The mining activity itself, can generate some changes in the environment's physical condition. To minimize the bad impacts of the mining activities to the environment, it is necessary to perform reclamation and revegetation. This study is aimed to evaluate the reclamation and revegetation that has been done.

The methods used in this research are survey, measurement and scoring. The survey method is conducted by measuring and noting the parameters condition in the study area. Measurement and scoring, in the other hand, is conducted to process the field's data to score the success rate of the reclamation done by PT. Sugih Alamanugroho.

The measurement and scoring process on the data, shows that the reclamation and revegetation process on phase I can be categorized with the score 29 which means good. The 2nd, 3a and 3b reclamation phases get score of 28 and categorized good. The good category of reclamation is marked by the range score between 24 – 30. The results indicate that the reclamation and revegetation process conducted by PT. Sugih Alamanugroho has been done well and satisfying.

*Keywords: Evaluation, Reclamation, Revegetation, Limestone and Mine Closure*