

## ABSTRACT

Natural resources is one of the basic capital in national development, therefore, must be exploited in the interest of the people by taking into account the surrounding environment conservation.

One of the activities in exploiting the natural resources are mining minerals, but mining operations can have a negative impact on the environment, especially the destruction of the landscape, the changing aesthetics of the environment, fauna habitat becomes damaged, decreased quality of ground and surface waters, the incidence of dust and noise.

One form mitigate the negative impacts of mining activities are planned reclamation. What is meant by reclamation is any work that aims to repair or restore the usefulness of the original land damaged by the mining efforts. In carrying out the reclamation can not be separated from consideration of land use that has been determined by the local government or local Agricultural Office for the welfare of society. With the planned reclamation of mined land is expected to be used or used as agricultural land or plantations, so that the negative impact of mining activities may be reduced and can increase people's incomes.

Reclamation activities conducted at the Mount 7 Pit B still has not been done properly, so it needs to be done in order to study the reclamation activity which can be done properly. The land area at the Mount 7 Pit B is 11,01 Ha using planting hole / pot on top soil structuring system, so that it takes as much as 9.183 m<sup>3</sup>, but the arrangement of the uneven topsoil was limited to the pot that causes the area around the planting hole / pot dry. It makes the process of reclamation activities are not going well.

Based on the results of research and from the description that has been done, then to the former mining area in Bukit 7 Pit B area of 11,01 Ha land arrangement system used overburden (over-burden) by the method of land leveling, soil cover material needs of 388.589 LCM and structuring system topsoil on post-mining land in Bukit 7 Pit with ground leveling method, the material needs of the soil cover of 33.030 LCM for ground leveling method.