

## **ABSTRACT**

Limestone mining by PT. Sugih Alamanugroho located in the Bedoyo Village, District Ponjong, regency Gunung Kidul, Yogyakarta Special Province. Mining activities that have been done include: clearing, overburden stripping, dismantling, loading (loading) and transportation (hauling). All of these activities will lead to positive and negative impacts adverse to the local conditions. To prevent further negative impacts, the following mining and reclamation efforts planned arrangements as early as possible.

Based on the condition of existing mined land and adapted to the spatial area and the needs of the company, the arrangement of mined land designated as farm land. To support the arrangement of the land, then the land should be improved.

Problems arising in the land mine in PT. Sugih Alamanugroho is the need for reclamation by revegetation according to the conditions of mining areas, as well as many of mined land that has not been well organized. Needs of top soil needed to fill the planting hole to be reclaimed by revegetation in an area of 1.09 ha was 87.04 m<sup>3</sup>.

Preparation of planting is done by making a hole the size of 80 cm x 80 cm x 80 cm at a spacing of 8 m x 8 m, the number of holes needed for an area of 1.09 ha was 170 planting hole.

With the arrangement of the mined land, is expected to reduce the negative environmental impact caused by limestone mining will be undertaken by PT. Sugih Alamanugroho, then the condition of mined land is very suitable for planting teak .