

## **ABSTRAK**

**TITUS VISTUS PANDORI. Tingkat kerusakan lahan dan perencanaan teknis reklamasi di dusun Srumbung, desa Segoroyoso kecamatan Pleret kabupaten Bantul Daerah Istimewa Yogyakarta. Dibawah Bimbingan Ir. Dyah Arbiwati, MP, Dr., Ir., S.Setyo Wardoyo, MS**

Penelitian dilakukan di Dusun Srumbung, Desa Segoroyoso, Kecamatan Pleret, Kabupaten Bantul. Lokasi penelitian merupakan daerah perbukitan dengan kemiringan lereng sekitar  $\pm 35^\circ$ . Tujuan penelitian ini adalah 1) mengkaji tingkat kerusakan lahan (lingkungan) akibat penambangan batu breksi 2) membuat perencanaaan reklamasi yang tepat pada lokasi bekas penambangan batu breksi 3) memetakan kerusakan lahan. Penelitian ini dilaksanakan di Dusun Srumbung, Desa Segoroyoso, Kecamatan Pleret, Kabupaten Bantul Daerah Istimewa Yogyakarta. dari bulan Desember – Februari 2017. Metode yang digunakan adalah metode survey dan pengharkatan dengan berpatokan pada SK Gubernur Yogyakarta Nomor: 63 Tahun 2003. Adapun Paramater yang diamati adalah Pengelolaan Tanah Pucuk, Batas Kedalaman Galian Dari Permukaan Tanah Awal, Relief Dasar Galian, Batas Kemiringan Tebing Galian, Tinggi Dinding Galian, Pengangkutan Bahan Galian, Kondisi Jalan, Tutupan Vegetasi, dan Waktu Reklamasi. Perencanaan reklamasi lahan tambang batu breksi menggunakan metode sistem pot. Perencanaan reklamasi lahan yang diusulkan adalah penanaman pohon jati, beringin dan sukun menggunakan sistem pot dengan media tanam berupa tanah pucuk dicampurkan dengan pupuk kandang dengan perbandingan tanah dan pupuk kandang 2:1.

Kata Kunci : Batu Breksi, Reklamasi , Tanah Pucuk,

## **Abstract**

**Titus Vistus Pandori. The level of land damage and technical planning of reclamation in village of Srumbung, sub-district of Segoroyoso, District Pleret, regency of Bantul, Special Region of Yogyakarta. Under supervision of Ir. Dyah Arbiwati, MP, Dr., Ir., S.Setyo Wardoyo, MS**

This research was done in village of Srumbung, Sub district of Segoroyoso, District of Pleret, regency of Bantul, Special Region of Yogyakarta. The location of research is a hills area with its slope around  $\pm 35^0$ . The aim of this research is 1) to study the extent of land destruction (environment) due to mining activity of breccias, 2) to design proper planned of reclamation on the mining location of breccias, 3) to map the land destruction. This research was done in village of Srumbung, sub district of Segoroyoso, district of Pleret, regency of Bantul, Special Region of Yogyakarta. Started from December – February of 2017. The method of this research is using survey and classification based on executive order of governor of Special Region of Yogyakarta, number 63 of 2003. The used criteria to measure up the objective of this research are the management of topsoil , the limit of depth of mining started from land's surface, the primary relief of mining, the scale of cliff's scope of the mining, height of mining wall, displacement of mining's materials, the condition of route, the ground vegetation, and the time of reclamation. Planned reclamation of breccias mining field used method of pot system. The suggested Planned reclamation of the land is the cultivation of teak tree, banyan tree, and breadfruit tree by using system of pot through plantable media such as topsoil mixed with organic fertilizer with the comparison between soil and organic fertilizer is 2:1.

**Key Words:** *Breccias, Reclamation, topsoil*