

ABSTRACT

Hargorejo village is a part of Kokap sub district, Kulon Progo Regency, Yogyakarta Special Region. Is one area that have a potential of natural resources goldmines (Au). There are many gold miners without permission (*PETI*) that will increase to the higher activity of the excavation so that the result are changes in social structure, economy, and ecology.

Efforts to develop the potential of local resources in Hargorejo village gold metallic mineral Hargorejo village and in the Acts No. 4 of 2009, which describes the mineral and coal mining, to be able to be managed efficiently, as well as sustainable in the existing traditional gold mining activities have established the (*WPR*) region. Hopefully with *WPR* plans to give local people the opportunity to seek minerals, to participate in mine for local economy. In addition, with the *WPR* plans are expected to make an input for the determination of government policy which had conferred the *Izin Pertambangan Rakyat (IPR)* region and as a mentor and supervisor of mining business activities in Kulon Progo Regency Village Hargorejo with 25 hectares wide of *WPR*.

Based the results of field measurements in Hargorejo village, there are a lot of ex-traditional mined location points and extents in use as indicators of *WPR*. By considering these characteristics, mining method commonly applied in the study area is an underground mine with gophering method or better known as coyoting. As for the processing include ore crushing process (comminution), concentration and purification (extraction), through combustion (retorting).

Traditional mining activities in the village Hargorejo, spread widely enough, so to accommodate the aspirations of the people to entering territory of the *Wilayah Pertambangan Rakyat (WPR)* region appropriate regulations, relatively difficult. Proposed an alternative *Wilayah Pertambangan Rakyat (WPR)* region covering an 25 hectares area. Then the local government must remain intensively supervise *WPR* starting from exploration, mining, processing to marketing. Then to minimize the environmental impact of mining and materials processing of gold ore by the community.

Keyword: gold, Au, gophering, local mining, *WPR*