

## SARI

Pada tahun 1992, ditemukan endapan emas tipe sulfidasi rendah di Cibaliung (Wilayah IUP Eksploitasi PT. Cibaliung Sumber Daya) yang terletak 70 km ke arah barat dari kompleks Bayah Dome. Secara geologi daerah Cibaliung tersusun atas andesit basaltik berumur Oligo-Plistosen yang diterobos dike dan secara tidak selaras ditumpangi tuf Cibaliung. Penelitian selanjutnya difokuskan kepada daerah Ciburial (Wilayah IUP Eksplorasi PT. Antam Tbk.), daerah yang berdekatan dengan lokasi ditemukannya endapan emas epitermal (*near mine exploration*). Secara geologi daerah ciburial memiliki kondisi geologi yang sama dengan Cibaliung.

Metode penelitian yang dilakukan berupa pemetaan geologi dan zonasi alterasi hidrotermal. Berdasarkan hasil penelitian daerah Ciburial memiliki zona ubahan hidrotermal dengan batuan samping berupa batuan vulkanik berupa andesit basaltik. Alterasi ini berupa alterasi argilik, propilitik dan silisifikasi disertai kehadiran urat tipis kuarsa dan karbonat yang ditandai anomali unsur Ag, Pb, dan Zn. Tipe mineralisasi emas di daerah penelitian merupakan jenis epitermal sulfidasi rendah.

Kata kunci: Ciburial, alterasi, mineralisasi, epitermal, geologi.

### **ABSTRACT**

*In 1992, epithermal gold deposit was discovered in Cibaliung (Exploitation Region of PT. Cibaliung Sumberdaya) located 70 km to the west of the complex bayah Dome. The geology in the Cibaliung is composed of basaltic andesite Oligo-Pleistocene age which intruded dike and overlain Cibaliung tuff. Subsequent research has focused on the area Ciburial (Exploration Areas PT. Antam Tbk.), an area adjacent to the location of the discovery of epithermal gold deposits (near mine exploration). The geology in the Ciburial area have the same with Cibaliung.*

*Research methodology in the form of geological mapping and zoning of hydrothermal alteration. Based on the results of the study area has a zone of hydrothermal alteration is hosted in volcanic rock which is andesite basaltic. This alteration in the form of argillic alteration, silicification, propylitic and accompanied by the presence of thin quartz and carbonate veins are marked anomalous elements Ag, Pb, and Zn. Type gold mineralization in the study area is low sulfidation epithermal type.*

*Keywords : Ciburial, alteration, mineralization, epithermal, geology.*