

ABSTRACT

One activity performed within eksplorasi phase is obstetrical estimation of mineral at one particular block. This final task studied about estimation process by analysing and manufacturing data of preexist mining dot to get content of mineral in other dot. The estimation result is got by conduct the statistically approach using Ordinary Kriging method

Today, the estimation method is done by analysing land sample at dots from around mine block. The result is estimation about the content of mineral in that dots.

Ordinary Kriging is a method that is used to estimate mineral content at a particular mine block. Method determined by three factor, these are x absisca, y ordinate, and direction factor, later result accurate information about content of gold and silver in dots which not yet been exploited at one particular block mine. Other, it will be yield a contour picture to know stream pattern mine from ore of gold and silver. This final task serve the purpose of consideration for mining party in feasibility study plan to exploit a new mine dot and also the design factory or the expense to be budgeted.

Key words : Estimation, Semivariogram, Ordinary Kriging.