

ABSTRACT

Pit Mining Plan Region is the 16.420 acres research area Mining Exploration License Territory area in PT.Murung Raya coal. The method used to estimate coal reserve in the area of research is the Cross Section method Rule Of Gradual Change and Rule Of Nearest Point. The principle method of Cross Section Rule Of Gradual Change is by connecting the outermost points of observation. Numerically wise the alteration deposition conditions along a straight line connecting Cosmos, two samples point are thread the same. While for the method of Cross Section Rule of Nearest Point, it is based on the closest point, by making the outer line of deposits in a linear, linear line length equal to the block boundary, half the distance between two points.

Based on the estimation result which were performed using the method of Cross Section Rule Of Gradual Change and Cross Section Rule Of Nearest Point method to limit stripping ratio 10,47 : 1, the results obtained for the 5.400.797 MT coal..

The results in both of the methods suggested that the estimated result are used as the basis for the calculation of production. Expectantly in the future the mineable reserves would not be in a smaller amounts than the estimated amount of coal reserves.