

ABSTRACT

Sub district Sosoh Buah Rayap. Ogan Komering Ulu. Sumatra Selatan. This is a very interesting when considered in the geological standpoint. At the region may include a low-lying region to region is quite bumpy. On the area also has considerable mineral reserves, including reserves of limestone, PT. DGEA Pramudita conducting mining activities in the region, has been conducting mining of limestone reserves to meet the needs of the manufacture of cement.

In the exploration of limestone reserves the study site, researchers conducting drilling in 15 drill point. Based on drill data obtained chemical content of CaO and MgO is different, but the difference is not too big, after calculating the average value of CaO and MgO, the obtained values of 51.9% CaO and 1.7% MgO.

Based on topographic study sites, within the activities of the estimated reserves of limestone writer uses the method of cross section with the guidelines of gradual change (rule of gradual change). To conduct the estimated reserves of limestone location of PT. DGEA PRAMUDITA, the author makes the study site topographic map, topographic map data obtained during previous exploration drilling activities simultaneously at the time. By using a topographical map made sectional cuts as much as 15 incisions, the distance between each cross section is 50 meters. The total cross section obtained with a total estimated potential of 104.883.528,1938 ton limestone.