

## ABSTRAK

Telah dilakukan penyelidikan dengan menggunakan metode Resistivity (tahanan jenis). Di Daerah Kasai, Kecamatan Talang Ubi, Kabupaten Muara Enim, Propinsi Sumatera Selatan, yang secara geografis terletak antara  $03^{\circ}18'34,04''$ LS– $03^{\circ}21'17,02''$  LS dan  $103^{\circ}35'45,08''$ BT– $103^{\circ}38'27,42''$  BT. Dengan luas daerah penelitian  $5 \times 5 \text{ km}^2$  atau  $25 \text{ km}^2$ .

Penelitian ini bertujuan untuk mengidentifikasi keberadaan batubara pada daerah penelitian. Pengambilan data dilakukan pada 13 lintasan, spasi elektroda 5m dan panjang lintasan 235m. Keterdapatan batubara pada daerah penelitian berdasarkan data true resistivity berada pada zona higt ( $>400 \text{ ohm m}$ ).

Kata kunci : Resistivitas, Daerah Keterdapatan batubara

## ABSTRACT

Has done an investigation by using the method resistivity (Captlivity type) in the area of kasai , Sub-district talang ubi, an estuary enim district, South Sumatra Province, That is geographically situated between,  $03^{\circ}18'34,04''$ SL– $03^{\circ}21'17,02''$ SL and  $103^{\circ}35'45,08''$  LE– $103^{\circ}38'27,42''$  LE. With extensive research area  $5 \times 5 \text{ km}$  or  $25 \text{ km}^2$ .

This research intended to get variation in value true resistivity on the research area. Data retrieval is performed on 13 tracks, spaced electrodes 5 m and a length of trajectory of 235 m. To terdapatn of coal in the research area based on the data true resistivity is at zone higt ( $> 400 \text{ ohm m}$ ).

Keywords: Resistivity of coal revenues area.