INTI SARI

Telah dilakukan Penelitian geolistrik metode resistivitas skala laboratorium dengan konfigurasi elektroda Wenner, Schlumberger, Half Wenner dan Half Schlumberger.

Resistivitas semu yang diperoleh dari hasil perhitungan dan analisis yaitu:

Lapisan pertama
$\rho_1 = 3{,}66 \times 10^3$ Ωm s.d $9{,}25 \times 10^3$ Ωm

Lapisan kedua
$\rho_2 = 6{,}28 \times 10^5$ Ωm s.d $1{,}97 \times 10^6$ Ωm

dan ketebalan medium pertama sebesar 12 cm.
Diperlihatkan juga adanya sumberanomali yang mempengaruhi perubahan nilai tahanan semu di sekitarnya.

Hasil perhitungan tersebut menunjukkan persesuaian dengan harga resistivitas semu atau tahananjenis batuan sedimen.

ABSTRACT

It had been performed investigation of geoelectric by laboratorium scall resistivity method with Wenner electrical configuration, Schlumberger configuration, Half Wenner configration and Half Schlumberger configuratin,

Appearance resistivity that be obtain for estimate and analysis give some value, that is :

First layer

$\rho_1 = 3{,}66 \times 10^3\ \Omega m$ s.d $9{,}25 \times 10^3\ \Omega m$

Second layer

$\rho_2 = 6{,}28 \times 10^5\ \Omega m$ s.d $1{,}97 \times 10^5\ \Omega m$

and thickness of first medium that is 12 cm.
Also, showed existance of anomaly source that influent change of appearance variety resistance value sourrounding.

The estimate product show concurence with resistivity value or variety resistance ofsedimentary rock.