



The landslide occurred on March 30, 2011. The maximum rainfall ( $53.1 \text{ kg/m}^2$ ) has been seen in this month during a year. There is igneous rock that composed of tuff, andesite, dasite and basalt on the top of metamorphic schist, graphitic schist and serpentine. There are also basalt and limestone blocks. These blocks were split by fault and moved. The landslide body is consisting of schist and completely ripped dacite and andesite blocks. The basement is saturated serpentine which is very weak competent. There is clay zone inside these serpentines. These clay zones are turned into graphitic schist that is splitting surface of the landslide body. The reconstruction of highway was made according to Geophysical investigation result.

Instrument : SuperSting R8/IP+112

Electrode array : Dipole-Dipole and Pole-Dipole

Processing : Inversion of data using EarthImager 2D inversion software

Units : Meter and Ohmmeter

Data courtesy of Geophysical Modeling Group, Ankara University, Turkey



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