The resistivity structure aroud the focal region of the Western Nagano Prefecture Earthquake(2)

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Magneto Tellurics survey were carried out aroud the focal region of the Western Nagano Prefecture Earthquake. Obsevation sites are 12 sites and a length of a survey line is 35km. In this region the earthquake swarm has frequently occured and some seismic reflectors was detected. As a result of 2D resistivity modeling, the low resistivity zone exists around the epicentral region of the micro earthquake swarm, and the high resistibity zone which seem to affect the granite is detected. the bottom of the high resistibity zone consists with the lower limit. And another lower resistibity zone are found in 10km of deapth. This structure seems to accociate with the S-wave reflector.