

An investigation of the resistivity Structure around the source region of the 2000 Western Tottori Earthquake

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MT observation was carried out on seven sites in the Western part of Tottori prefecture to presume the resistivity structure around the source region of the 2000 western Tottori prefecture Earthquake.

A preliminary 1-D resistivity structure model which explains the observed responses, requires resistive structure(from 1000ohmm to 20000ohmm) on the whole. But a conductive layer with resistivity of less than 100ohmm exists under the depth of 15km due south of the epicenter of the main earthquake.