

## Daikon-island volcano and the basalt dike on the plane of a fault of the lineament of the western Tottori earthquake

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<http://ss7.inet-osaka.or.jp/~asami/Daikon/index.html>

The sketch of the wall of trench excavated by Central Reserach Institute of Electric Power Industry team near the hypocentral region of the western Tottori earthquake(#1) shows that the existence of basalt dike on the fault plane of a fault which is parallel to the hypocentral region of the western Tottori earthquake.

But Inoue D.(2001) who is the main researcher of Central Reserach Institute of Electric Power Industry team did not refer to the meaning of basalt dike on the fault plane of a fault of the lineament parallel to the western Tottori earthquake hypocentral region(#1). Inoue D.(2001) only refered to the possibility to predict a magnitude 7 class earthquake for safty of atomic power sites.

But the meaning of basalt dike on the fault plane of a fault of the lineament of the western Tottori earthquake is important.For Daikon-island volcano which is a small basalt lava volcano located on the point of intersection of the extention of the hypocentral region of the western Tottori earthquake and Shinji graben of Taiwan-Shinji fold zone.And the magnetic anomaly belt of Taiwan-Shinji fold zone in western Honshu-island in Japan(#2) coincides with the zone of distribution of small basalt lava volcanos in Sanin district.

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(#1)Inoue D.(2001):Earthquake Fault Activity Caused the 2000 Western Tottori Earthquake.Anual research report 2001 of Central Reserach Institute of Electric Power Industry 106-107 Fig3

<http://criepi.denken.or.jp/eng/PR/Nenpo/2001E/01seika53.pdf>

(#2)Nihonrettou-no-chishitsu-henshuiuinkai,(1996):Nihonrettou-no-chishitsu, Muruzen, 4-5 and 103