

Crustal structure in the vicinity of Byobusan fault (II)

Toshiyuki Tanaka[1], Harumi Aoki[1], Ryuichi Shichi[2], Takeshi Ikawa[3], Masazumi Onishi[3], Shigeru Ino[3]

[1] TRIES, [2] EPS, Nagoya Univ., [3] JGI

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Our objective is to clarify the crustal structure around the Byobusan fault in the southeast of Gifu prefecture. We discuss gravity anomaly with veibroiseis investigation by JGI, Inc. The preliminary results of veibroiseis investigation were obtained as depth section map and two layer velocity structure by time-term method. We carried out two and three dimensional inversion analysis of gravity anomaly referring to such seismic analyses and geological map. Our calculations revealed that there were more obvious basement offsets at Tertiary fault and Enasan fault rather than Byobusan fault.