Upwelling the Hujishiro-Sanogawa diorite-gabbro mass, appear to have risen diapically in Fossa-Magna, Suruga Bay.

Makoto Okano, Yong-Ui Kim, Factory of Marine Science and Technology, Tokai University., Shimizu, Japan.

In the Ooigawa group in the Shizuoka Prefecture in Japan, northern part area, the distribution of the intrusive rock body is confirmed.

In this area, devellopped Median Tectonic Line (EW) and Fossa-Magna (NS). Especially in the Suruga Bay, Belong to Boundary the Asia plate and Phillippine Plate.

These masses intrude into the Shimanto Group (accretionary formation with M.T.L) and the Green-tuff (erupted with Fossa-Magna).

In the investigation this time, this mass mainly composed of diorite-gabblo and granodiorite – gabbro, in situ differentation.

Fujishiro mass is relate with the Umegashima spa and the Au deposit.

Aimata mass is situated in center of the Hujishiro and Sanogawa mass with high K_2O value. Sanogawa mass contain chromian Diopside and calc-alkali trend.

These masses appear to have rised diapically (stock and dike) in suture zone, in middle Miocene age.