

## Paleomagnetism of Hisatsu volcanic rocks, Kyushu Japan.

# Hidetoshi Shibuya[1], Susumu Goryozono[2], Yoshitaka Hase[1]

[1] Dep't Earth Sci., Kumamoto Univ., [2] Earth Sci., Kumamoto Univ.

<http://www.sci.kumamoto-u.ac.jp/earthsci/shibuya/>

A paleomagnetic study of Hisatsu volcanic rocks, in Southwest Kyushu Island, was carried out. Samples were mostly andesites, and collected from 23 sites. The paleomagnetic measurement procedure was the one combining the progressive a.f. demagnetization of pilot sample(s) and blanket a.f. demagnetization of others. A special attention was paid for the orientation of samples, using multidiameter orientation tools and samples holders. It gave precision parameters of more than 1000 in more than the half of the sites. Resultant mean direction was  $Dm=-6.4$   $Im=44.5$   $a95=5.5$   $k=27.8$ . It was westerly deflected and flattened, a little more than the error.