

Paleomagnetism of volcanic rocks in Nansatsu area, Kagoshima, Japan

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A paleomagnetic study of Nansatsu volcanic rocks in Southwest Kyushu Island was carried out. Samples were mostly andesites, and collected from 29 sites. Their ages range from middle Miocene to Holocene. The paleomagnetic measurement procedure was mostly the one combining the progressive a.f. demagnetization of pilot sample(s) and blanket a.f. demagnetization of others. In a few sites in which the ChRM was not clear by progressive a.f. demagnetization, all samples were progressively demagnetized both by a.f. and thermal treatments. We could isolate ChRM from 26 sites, which did not show any evidence of deflection in declination.