Resultados preliminares de um estudo paleomagnético da ilha do Faial (Arquipélago dos Açores). *In*: Sismo 1998 Açores. Uma década depois, C.S. Oliveira, A. Costa e J.C. Nunes (Editores)

Silva, P. F., B. Henry, A. Hildenbrand, F.O. Marques e P. Madureira (2008).

We present preliminary paleomagnetic results dor Faial Island (central group of Azores Archipelago, North Atlantic Ocean). Our sampling strategy was focused on a collection of samples from lava flows that represent a large temporal window according to previous geochronological data. Main results show that: (i) onshore volcanic activity began during the Matuyama geomagnetic chron; (ii) the southern branch of the Faial graben probably corresponds to an oldest volcano; (iii) paleomagnetic results from the northern branch strongly suggest that all lava sequence from this site was erupted durong Brunhes Geochron; (iv) paleomagnetic results yeld a first paleomagnetic pole for Faial Island defined by φ = 133.8º, λ = 80.2ºN.