

The geomagnetic model of the Mount Capanne pluton (Elba Island)

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We show the 2.5 geomagnetic model of the granitic pluton of West Elba Island. The model is obtained by the TaE technique interpretation of the geomagnetic anomaly field. The geomagnetic data collection are coming from the merge of a ground and a marine surveys. The integrated field is IGRF reduced and then referred to the topographic/bathymetric level using the BTM technique. The modellistic computation is locked by the geological surface evidences and by over 500 measures of magnetic susceptibility. The intrusive body structure is located in the western part of the Island and its northern margin is on the offshore of Elba Island.

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