



Paleomagnetic and petrologic study of the Irherm dyke (Morocco).

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We present the first results of a paleomagnetic and petrologic study carried out in the Irherm Dyke of southern Morocco. This dolerite dyke has been considered as part of a Variscan basic magmatism, but its similar NNE-SSW direction and composition to the Early Jurassic (200 Ma) Dyke of Fout-Zguid (previously studied by the present authors) points to its inclusion into the Early Jurassic Central Atlantic Magmatic Province. During a field campaign we have collected 155 samples in 16 sites for both paleomagnetic and petrological purposes. This is the first study carried out on this dyke, so the derived results are very important in understanding the nature and origin of the dyke. It will be also very interesting to compare the results with those derived from the Fout Zguid dyke.