



Local anomal geomagnetic field in the territory of Republic of Macedonia

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The territory of the Republic of Macedonia is located in the center of the Balkan Peninsula and covers an area about 25 000m², with complex geological structure. Through the central part of the country is located Vardar Zone, represent a first order fault. Eastern part belongs to Blakanides and Western part to Dinarides. The territory was terrestrial observed with the relatively dense network. On behalf of those measurements, map for anomal field of Z-component was made. Analyzing the geomagnetic anomaly, clearly perceived the three tectonic zones, were comes the confirmation that geological manifestations on the surface where these zones are separated, have a depth relationship.