

Magnetic properties of lower oceanic crust and upper mantle:new results from Oman Semail Ophiolite

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New paleomagnetic results from Oman Semail Ophiolite show that the whole oceanic crust as well as the upper mantle contribute the lineated marine magnetic anomalies. Paleomagnetic stable directions further suggest that the Oman Ophiolite complex underwent much larger tectonic movement than ever considered.