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Continental crustal magnetization of shields and adjacent younger geological provinces

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WDMAM 2007 (World Digital Magnetic Anomaly Map) presents global distribution of magnetic lithospheric anomalies for the first time. Magnetization interpreted from these anomalies is compared between Archaean, Proterozoic and Phanerozoic continental provinces globally, and correlated with petrophysically-determined magnetizations of key regional data sets.