

# Microstructural comparison between on axis and off axis uppermost oceanic mantle lithosphere: an example from the Oman ophiolite

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The Oman ophiolite is interpreted to be a paleo-fast spreading ridge. We compare microstructures of peridotites in Maqсад area representing an on-axis mantle lithosphere with those in Thuqbah area which characterize an off-axis mantle lithosphere.