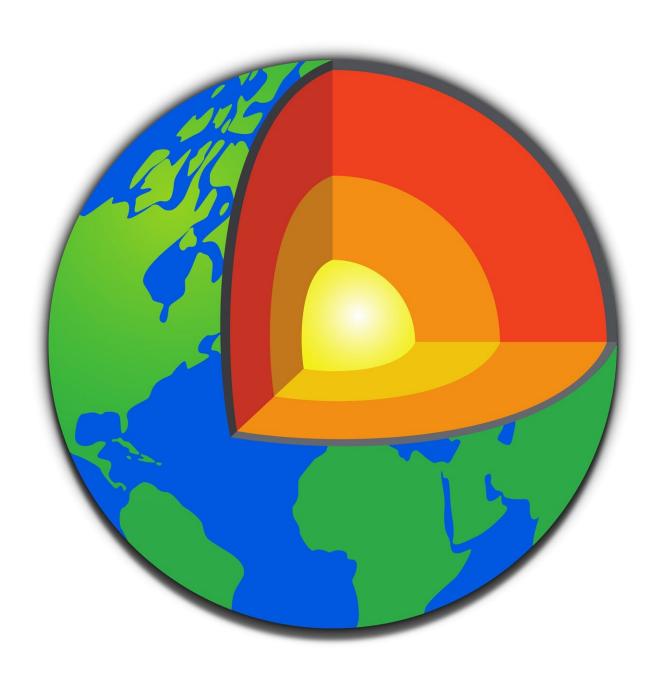


## Potential mechanism for olivine to carry boron into the Earth's deep mantle

June 14 2022, by Li Yuan





Credit: Pixabay/CC0 Public Domain

Olivine is an important component of Earth's upper mantle. The effect of boron on the properties of olivine has been previously ignored since boron is largely incompatible with olivine. Most recovered natural olivine samples have very low concentrations (

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