

## Petrology of magnesioferrite-bearing rock from the Iwanai-dake peridotite complex in the Kamuikotan zone, Hokkaido, northern Japan

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Behaviour of H<sub>2</sub>O in the upper mantle has not been sufficiently understood although it is of great importance in the magma genesis at the supra-subduction zone. It is possible that the mantle process related to H<sub>2</sub>O behaviour could be discussed by examination of magnesioferrite-bearing rock from the Iwanai-dake peridotite complex in the Kamuikotan zone.