

瀬戸川帯蛇紋岩体に残存するかんらん岩の構造岩石学的特徴と環伊豆地塊
蛇紋岩帯における位置づけ

Petrophysical characteristics of peridotites preserved in a serpentinite
body of Setogawa belt and its occurrence in Circum-Izu Massive
Serpentine Belt

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We present petrophysical characteristics of serpentinitized peridotites obtained from Setogawa belt in the Oi-gawa valley. The peridotites are dominantly harzburgites with minor dunites. Olivine grain sizes within the peridotites are ranged from coarser grains (>3mm) to medium grains (~1mm) and show undulose extinctions as well as kink bands. The chemical compositions of both olivine and spinel are in the range of the olivine-spinel mantle array of Arai (1994).

キーワード：蛇紋岩、かんらん石、スピネル、結晶方位ファブリック

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