

K130-017

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Lherzolite xenolith in andesite dykes that intruded to the Sanogawa complex mass

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The Sanogawa district is situated in Southern Fossa Magna (ISTL; Itoigawa-Shizuoka Tectonic Line), where distributed in the Miocene Green-tuff region, and located a collision zone of the Izu-Bonin Arc. Many faults and folds have developed in NS direction along ISTL. There are distributed several andesite-basalt dykes and Granite-porphyry mass, intruded into the Fujikawa Formation along NS faults direction.

Lherzolite xenolith in andesite dykes is shown from few mm to 4cm diameter, consists of olivine, accompanied OPX, garnet, and cinnabar.