

Conglomerates of Osio Formation, Nishi-koiso, Kanagawa

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Fossil bearing conglomerates of Oiso Formation at Nishi-Koiso Beach, Oiso Town, Kanagawa Prefecture contain tuffaceous sandstone and scoria tuff from Oiso Formation, shale, hard sandstone and chert from Kobotoke Formation, volcanic rocks of basaltic to dacitic composition, and granites. The granites is similar to tonalite from Tanzawa Mountains. The volcanic rocks are derived from a bimodal volcanism of Oiso Formation. The geological evidence of volcanism at Ize arc have missed. The andesites include of high TiO_2 (1.3 wt%) and MgO (5.7 wt%) composition.