

Setting and sedimentary process of Tsubutegaura tsunamiite succession

Tsunemasa Shiki[1], Teiji Yamazaki[2], Toru Tachibana[3]

[1] (Kyoto Univ), [2] Natural Sci., Osaka Kyoiku Univ, [3] Reserch Org. for Environmental Geology of Setouchi

The upper bathyal tsunamiite - seismite succession occurs in the middle part of the Miocene sequence in Chita Peninsula, Japan.

It is noted that there are many conspicuously large boulders and rip-up crusts, a number of sandy tsunamiite layers, large convolute lamination, three types of dikes, and so on.

These tsunamiites and seismites record the seismic activity of the Philippine sea plate subduction related to the Japan sea opening. That is, the forearc seismic activity and the arc-transversal fault activity.