

Liquefaction and fluidization of conglomerate

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Liquefaction and fluidization of conglomerate are found from the middle Pleistocene Kunosan Formation that deposited in fan delta. The formation was located of Shizuoka Prefecture along the Nankai and Suruga Trough where large earthquakes recurrently happened. Based on stratigraphic examination, the liquefaction and fluidization of conglomerate (maximum weight attains 1.4 kg) may be caused by combined with earthquake shock (M7~8) and heterogeneity of conglomerate deposits.

This heterogeneity is attributed to resedimentation associated with slope failure.