

## Factors of liquefaction damage in the Hinode district, Itako, Ibaraki Prefecture, central Japan

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Serious Liquefaction phenomena happened on Hinode, Itako, Ibaraki Pref., middle to downstream region of the Tone River, at the 2011 off the Pacific coast of Tohoku Earthquake. Those damaged area were on reclaimed land by dredge. The stratum of the damaged area consists of the sediment of lowland sand the dredge sandy sediment as a result of the drilling survey. Judging from the facies of sediment and grain size composition, liquefaction is presumed to have occurred in the dredge sandy sediment.

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