Sedimentary facies and process of the tsunami runup deposits - Example of 1993 Hokkaido Nansei-oki earthquake tsunami-

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We carefully examined and described the modern tsunami sands at Taisei, SW Hokkaido, from the July 12th, 1993 Hokkaido Nansei-oki earthquake tsunami. The tsunami sands at Hirahama cost and Usubetsu river areas can be divided into four typical layers. We correlate these layers with landward and seaward flow from the two main tsunami waves. The landward tsunami flow deposited quatrzose marine sand and well rounded gravel with marine shells,

whereas the return flow deposited a poorly sorted mixture of soil.