

Microfabrics of surface sediment until 30 cm depth

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Compaction is very important deformation process in unconsolidated sediments. The deformation is rapidly occurred until several meter depth with the variation of microfabrics. Although the variation process in long core samples has been studied (Bennett and Hulbert, 1986), there are few reports in surface sediments (Nishimura et al, 1993). We describe the vertical variation of the microfabrics of the sediment until 30 cm depth by SEM and optical microscope observations.