

Sedimentary facies of GS-MUS-1 core and lateral transition of facies succession in incised-valley under Nakagawa Lowland

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The incised-valley fills deposited since after the last glacial maximum are distributed under the Nakagawa Lowland. These deposits are composed fluvial channel fills, flood plain to salt marsh deposits, muddy tidal flat deposits, sandy tidal flat to sand shoal deposits, prodelta to delta front deposits, and fluvial channel fills to flood plain deposits, in ascending order (Ishihara et al., 2004). In this study, we analyzed the sedimentary facies of the GS-MUS-1 core obtained from the eastern margin of Nakagawa Lowland, and considered lateral transition of facies succession in transverse direction of the incised-valley.