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Characteristics of the fills of the Takinoue hydraulic power plant, Hokkaido, Japan

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Characteristics of the dam fills, was investigated by trench observation in the Takinoue hydraulic power plant, northern Japan. As a result, the features of dam fills are: (1) the fills mainly consist of the coarse sediments (sandy gravels) ,which intercalated with silt, sand and plant fragments; (2) the observation of trench section revealed that the fills indicate deltaic sedimentary structures; and (3) chemical compositions of the silt layer showed the similar to the general soil.

Keywords: dam fills, delta, grain-size characteristics, chemical compositions