

SEDIMENTARY FEATURES OF TIDAL DEPOSITS OF THE UPPER CRETACEOUS IN SEBEN AREA
(NE BOLU-TURKEY)

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ABSTRACT.— Shallow water sandstones are characterized by sand bars, tidal channel and lagoon sediments, which are approximately 400 m thick of Upper Cretaceous in Seben (Bolu) area. Massive bedding, very intensive flow-rolls, parallel and low-angle cross laminations show bar sediments to be deposited near-offshore environments with high available sediments. Tidal channel had dissected upper part of bar sediments interfingering into lagoon deposits. Large-scale tabular cross bedding, various size through-cross and flame laminations, common mud nodules, lag sediments, coquina lenses, biogen burrowing zone and rippled sand surfaces, such as certain sedimentary structures suggest that the channel had been cut and filled by tidal current regimes.