# Alluvial sedimentation

## Blackwell Scientific Publications - GEOL342



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Sediment transport.

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Alluvial Sedimentation (Special Publication 17 of the IAS) (International Association Of Sedimentologists Series): Marzo, M., Puigdefabregas, C.: 9780632035458: sdk.mavlink.io: Books

Restoration of the Soledad basin to its Oligocene orientation indicates that southeast-northwest extension caused rifting and heralded Vasquez deposition in small, rapidly subsiding basins. Orrios-Villalba Alta road Stratigraphical correlation sketch. The narrow point of the alluvial fan is called its , while the wide triangle is the fan's.

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Good outcrop conditions made possible a comprehensive integrated stratigraphic and structural study, especially focused on coarse clastic sediments deposited along the basin margin. Megasequential evolution for each profile and geometrical relationships e.

#### GEOL342

The particular structure and kinematic evolution of this margin controlled alluvial system patterns. Explore how they show up in various landscapes.

#### alluvial fan

Synsedimentary deformation includes growth faulting, rollover anticlines, and monoclines and associated onlap stratal terminations, angular unconformities, and other complex growth strata geometries.

Tectonics and alluvial sedimentation of the upper Oligocene/lower Miocene Vasquez Formation, Soledad basin, southern California

Due to their proximity, the Villalba Alta and Villalba Alta Rio magnetostratigraphic profiles have been correlated with our stratigraphic section 1 Los Aliagares; since they show a little stratigraphic superposition in the base of the C2an3n chron, a merged, composite magnetostratigraphic profile was constructed see profile 1 in Fig. The distal alluvial facies are laterally related to carbonates and gypsum associated to shallow lacustrine environments that covered wide areas in the central zones of the basin. Editor Jeannie Evers, Emdash Editing Producer Caryl-Sue, National

Geographic Society Last Updated Aug.

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Thus, although braided stream channels may cross the fan surface, these are usually dry.

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