

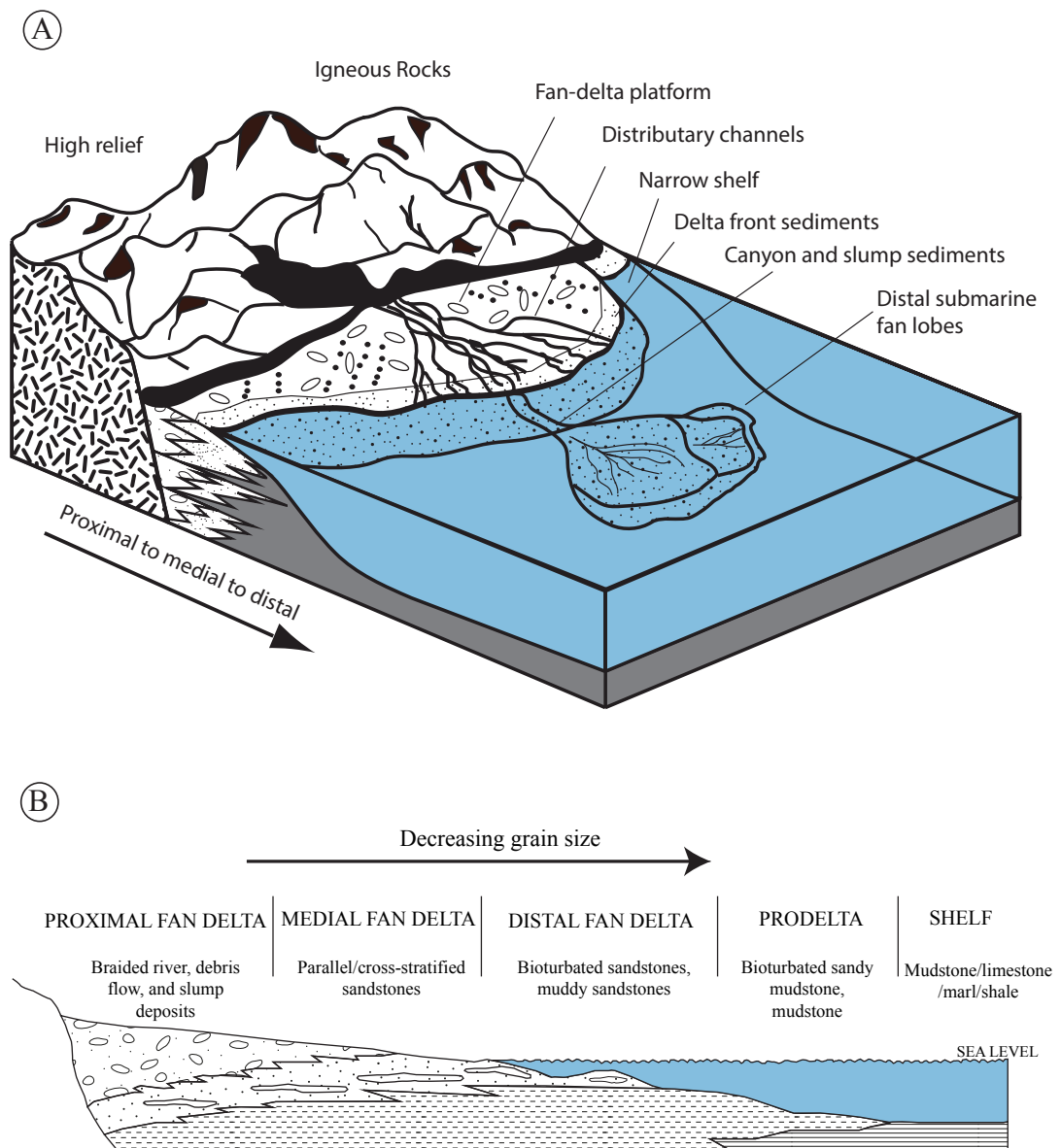


Figure 13. A) Schematic illustration of environment of deposition in deep Anadarko Basin Granite Wash area. Complex geology in the area can be attributed to variation in the source rock, distance of transportation, and accommodation space. Materials eroded from Amarillo-Wichita Mountains are deposited to the mountain front, mainly by fan-deltas. Fine - to coarse-grained submarine deposits transported by sediment gravity flows and slumps can be found in more distal areas (adapted from Bouma, 2000 and Bruner and Smosna, 2000). B) Cross sectional view for the shelf type fan-delta, its components, and typical lithologies. Fan-delta deposits becomes finer-grained from proximal to distal areas (modified from McGowen, 1970).