



FIGURE 18.21. (A) A seismic section (upper) and amplitude-extraction horizon slice (lower) showing channelized debris-flow deposits. The thickness of the seismic section is about 1 s, and its length is 20 km. The section shows two debris-flow units with erosional bases. The lower unit is shown in the horizon slice and presents evidence of compressional ridges. (B) A seismic section and amplitude-extraction horizon slice through a debris-flow deposit. The horizon slice shows the lobate nose of the debris flow. Eastern Gulf of Mexico. Modified from Posamentier and Walker (2006).