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San Lucas Submarine Canyon, at the tip of Baja California, Mexico, is used as a natural laboratory for the study of how sediments move into the deep sea. Here, at a depth of 150 feet, sand set in motion by storm swell moves slowly down slope as a "river-of-sand." The preferential orientation of filter-feeding gorgonian corals encrusting the granite walls reflects the prevailing downslope movement of organically rich bottom current generated by sand flows. See review of Submarine Canyons and Other Sea Valleys, page 1433 [U.S. Navy Electronics Laboratory, Robert J. Pitt]