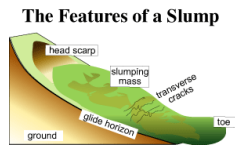


SIO 15 LECTURE 12: LANDSLIDES IN SOUTHERN CALIFORNIA

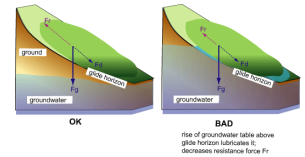
Leftovers from Lecture 11

Miscellaneous

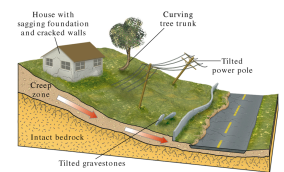
The Features of a Slump



The Role of Groundwater



Creep



Purely Vertical Mass Movements - Subsidence

Sinkholes - fast subsidence



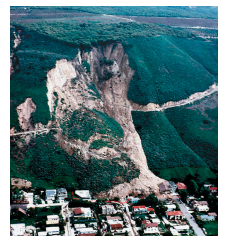
Slow subsidence



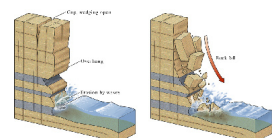
Mass Movements in Southern California Plate Tectonics



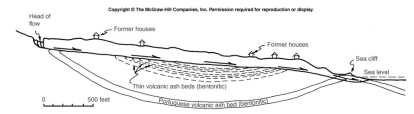
La Conchita, CA



Coastal SoCal



Case Study: Portuguese Bend/Palos Verdes



Case Study: Portuguese Bend/Palos Verdes, 1950s



Case Study: Palos Verdes/Trump Golf Course



Zooming in on San Diego

Torrey Pines Slide 1949



Oct 2007 Mt Soledad Slump

