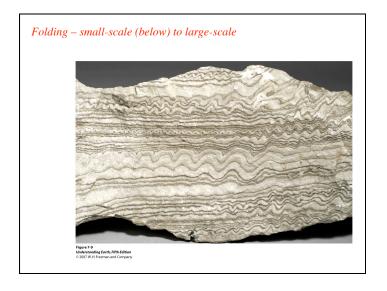
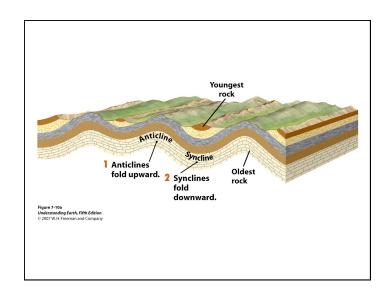


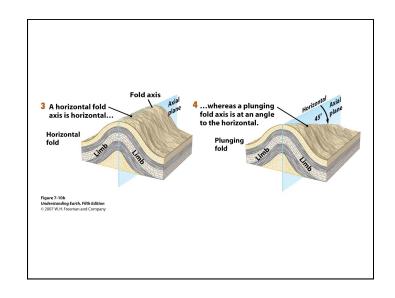
Surface fault scarp formed during 1954 Dixie Valley, Nevada extensional earthquake

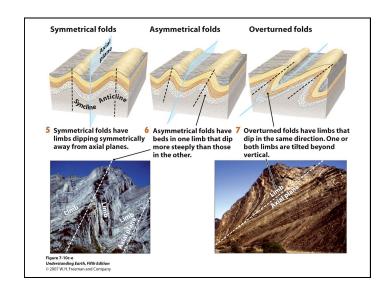
Figure 7-8

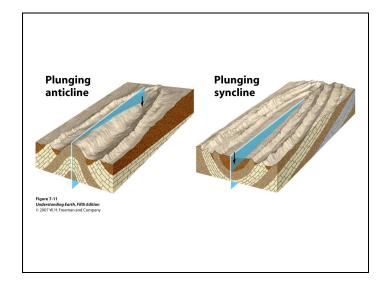
Understanding Earth, Fifth Edition
© 2007 W. H. Freeman and Company



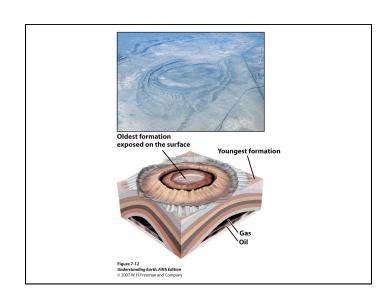














-No slip across a joint

- regional stress can cause regular "breaks" or jointing

-Expansion of deeply buried rocks unloaded by erosion of overlying layers

-Key pathway for groundwater & focus of hydrothermal deposition



Jointing in strata at Arches National Park



