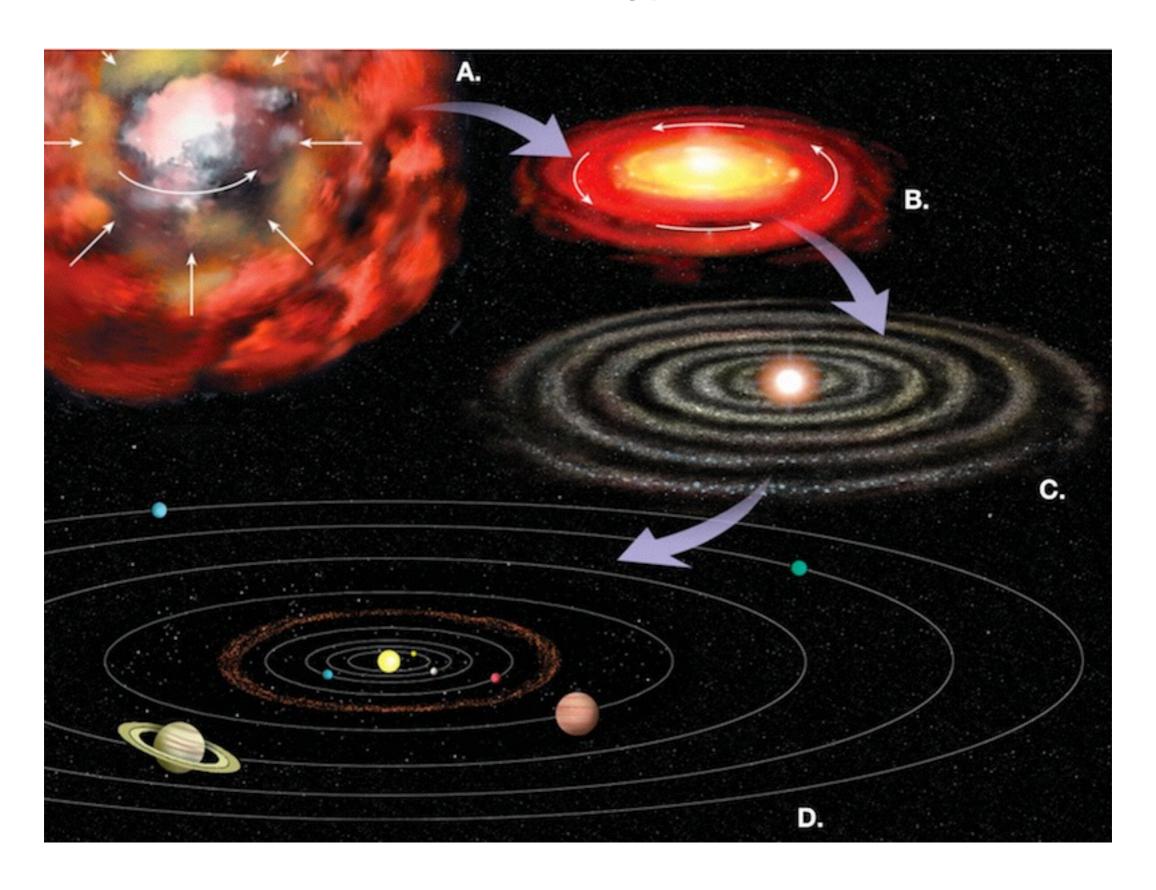
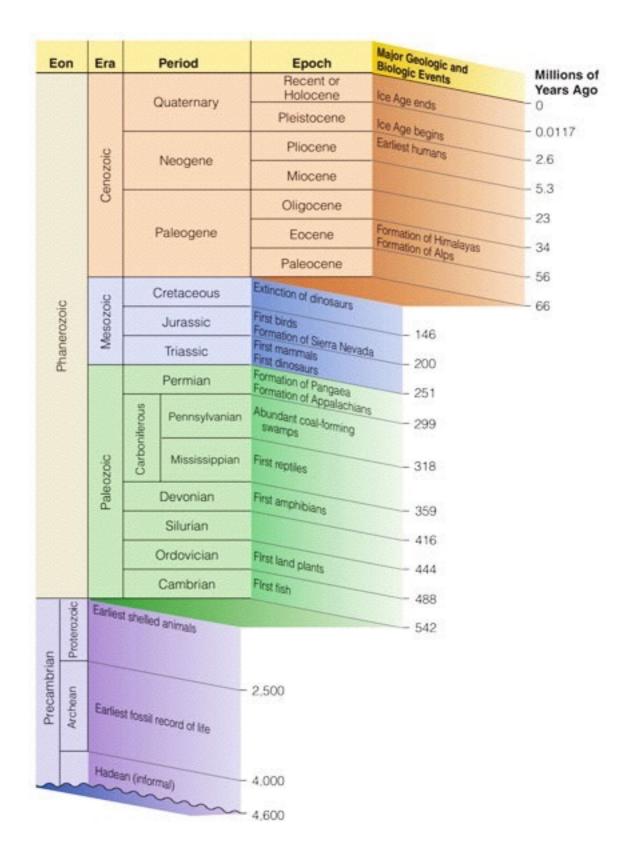
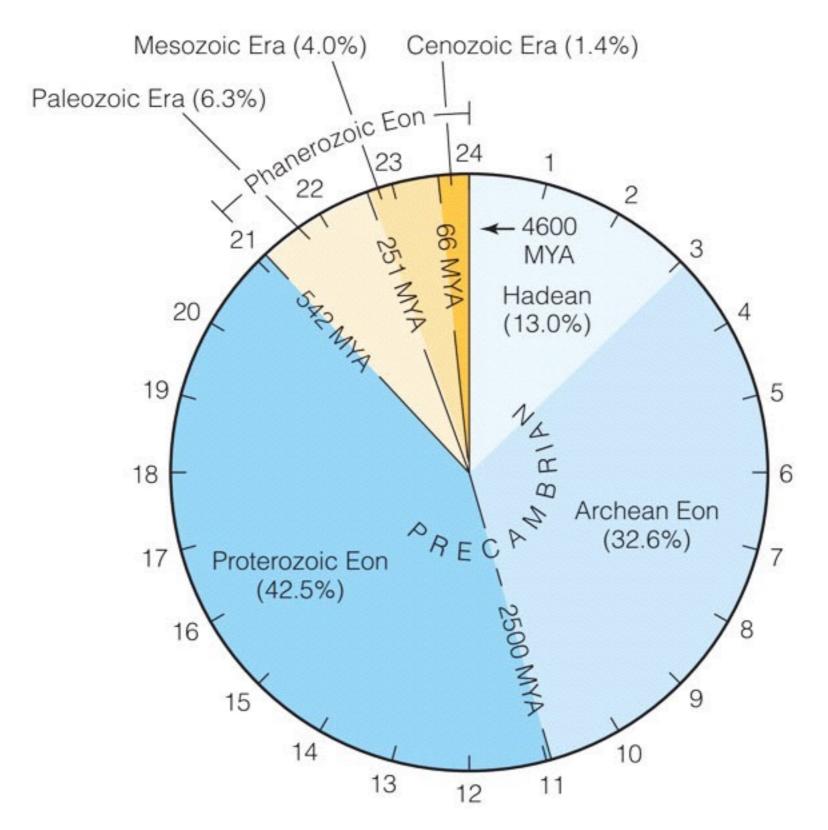
Solar Nebula Hypothesis



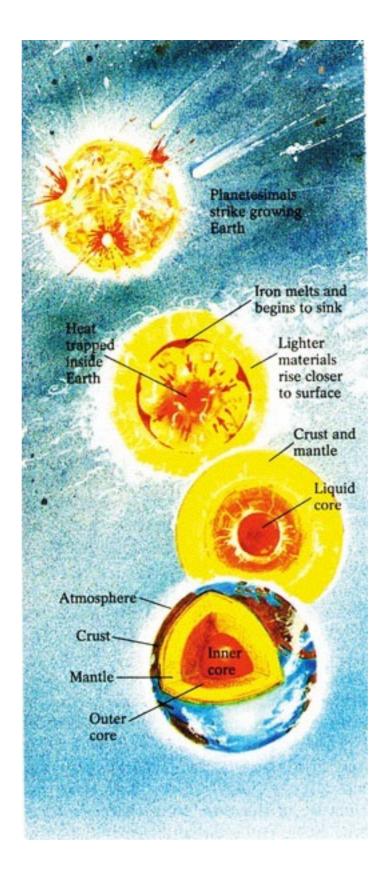
The Geologic Time Scale



The Geologic "Clock"



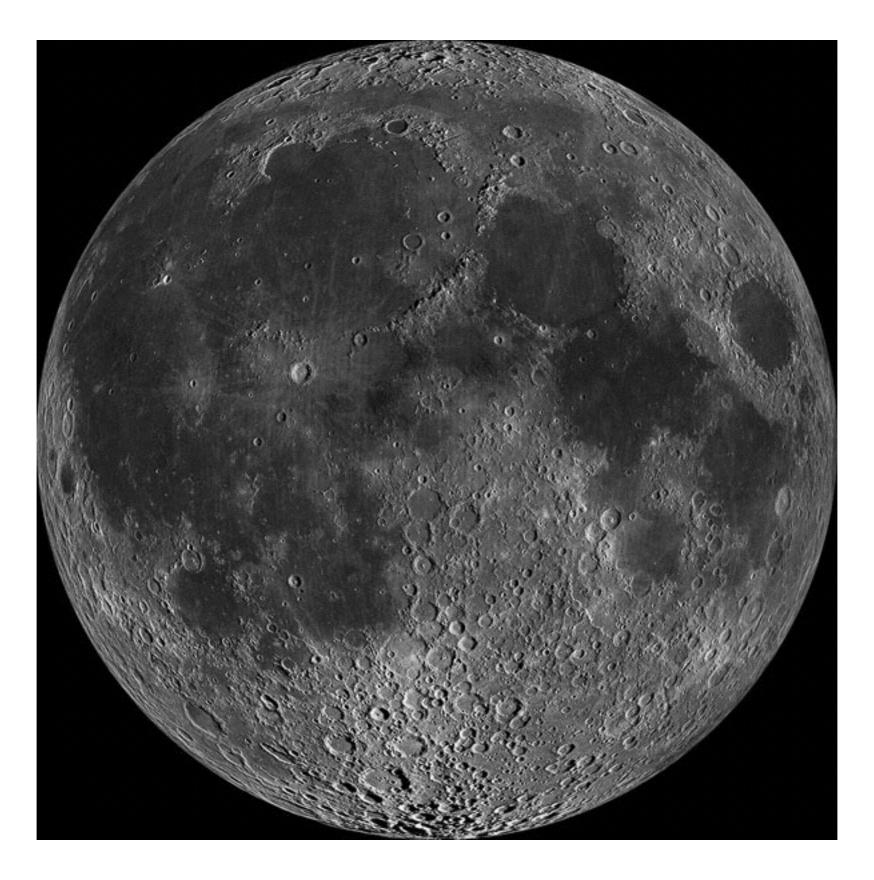
The Hadean Eon - Accretion, Melting and Differentiation



The Mars-size (Theia) Impactor Theory



Our Moon



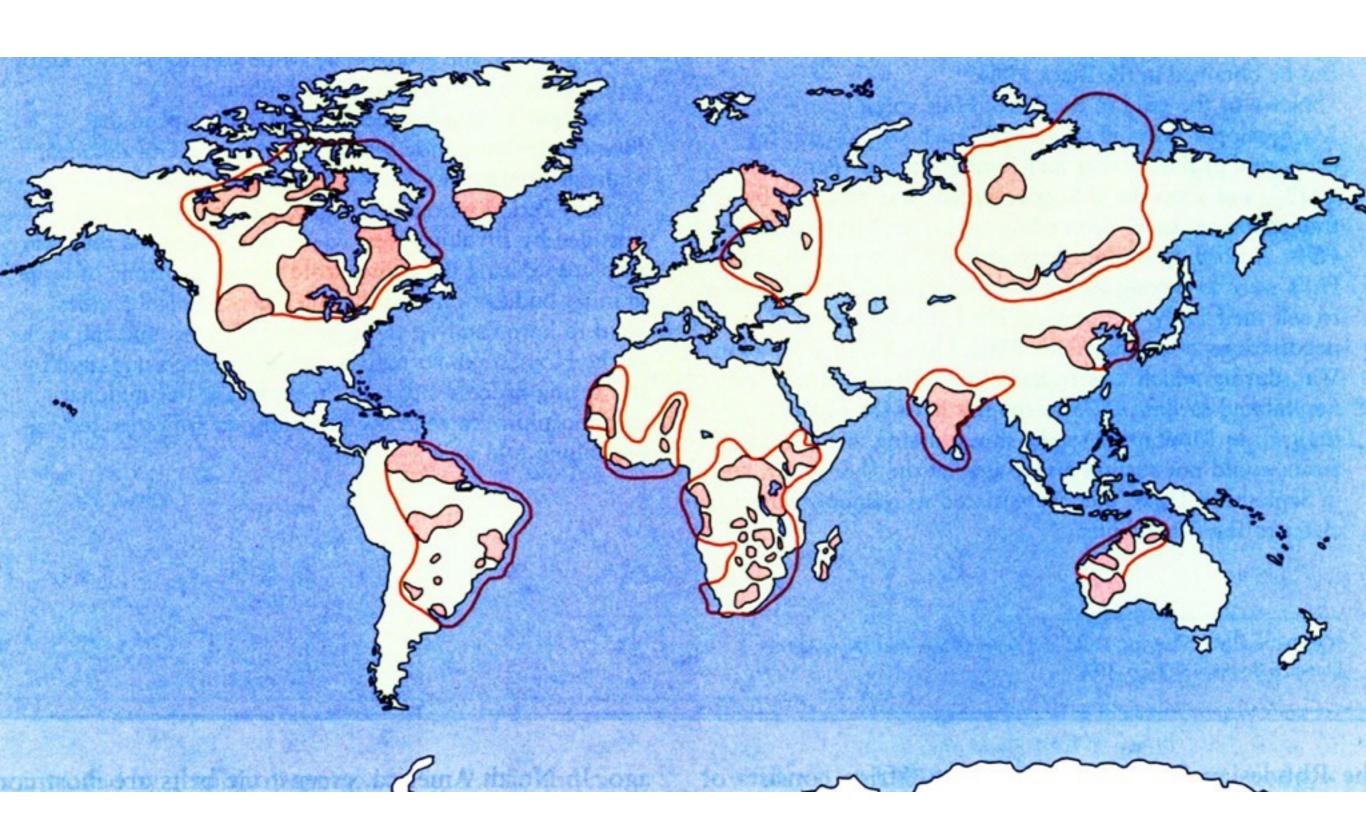
Hadean "Outgassing" to form Atmosphere and Oceans



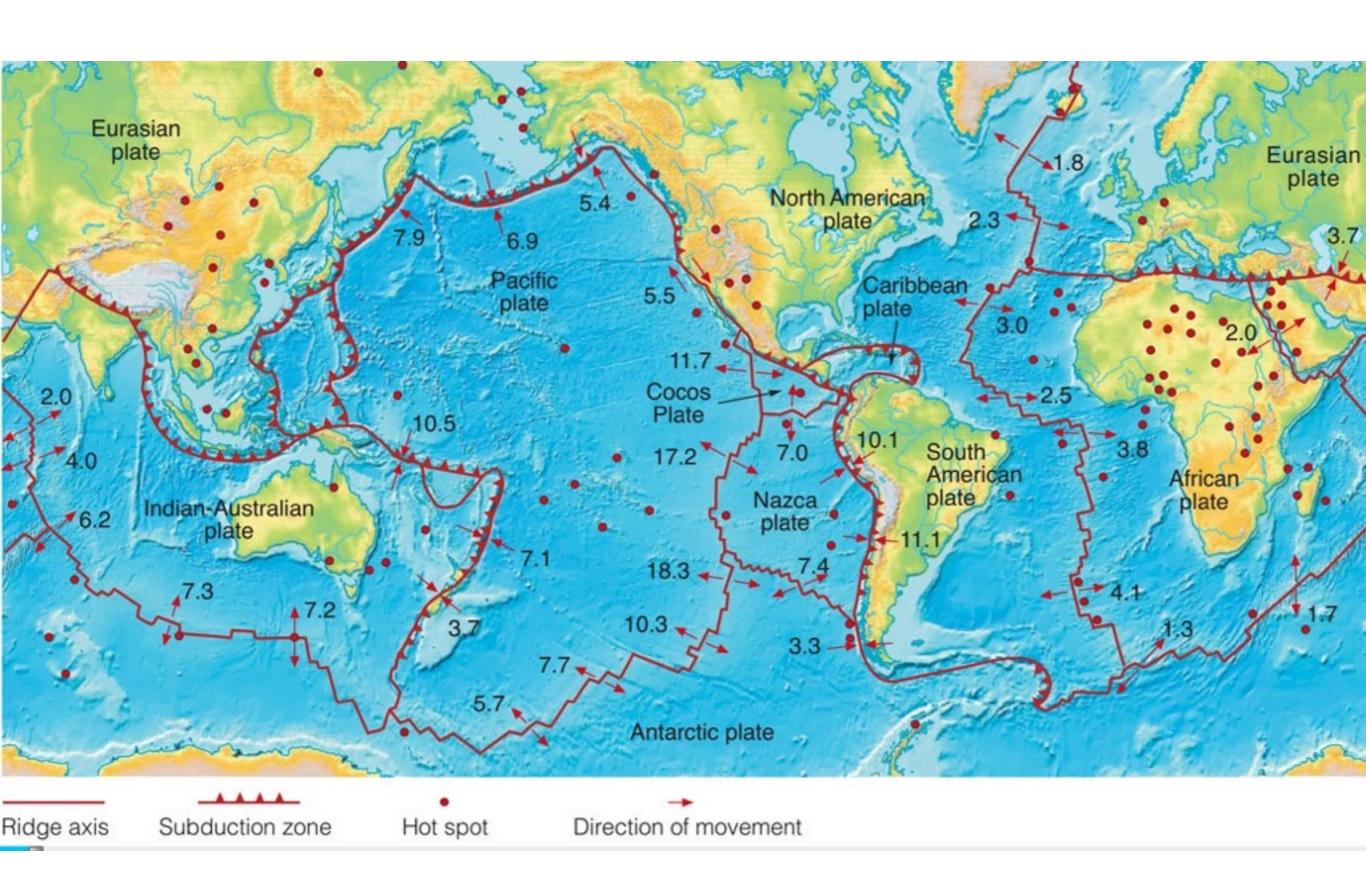
Late-Heavy Bombardment - the Moon



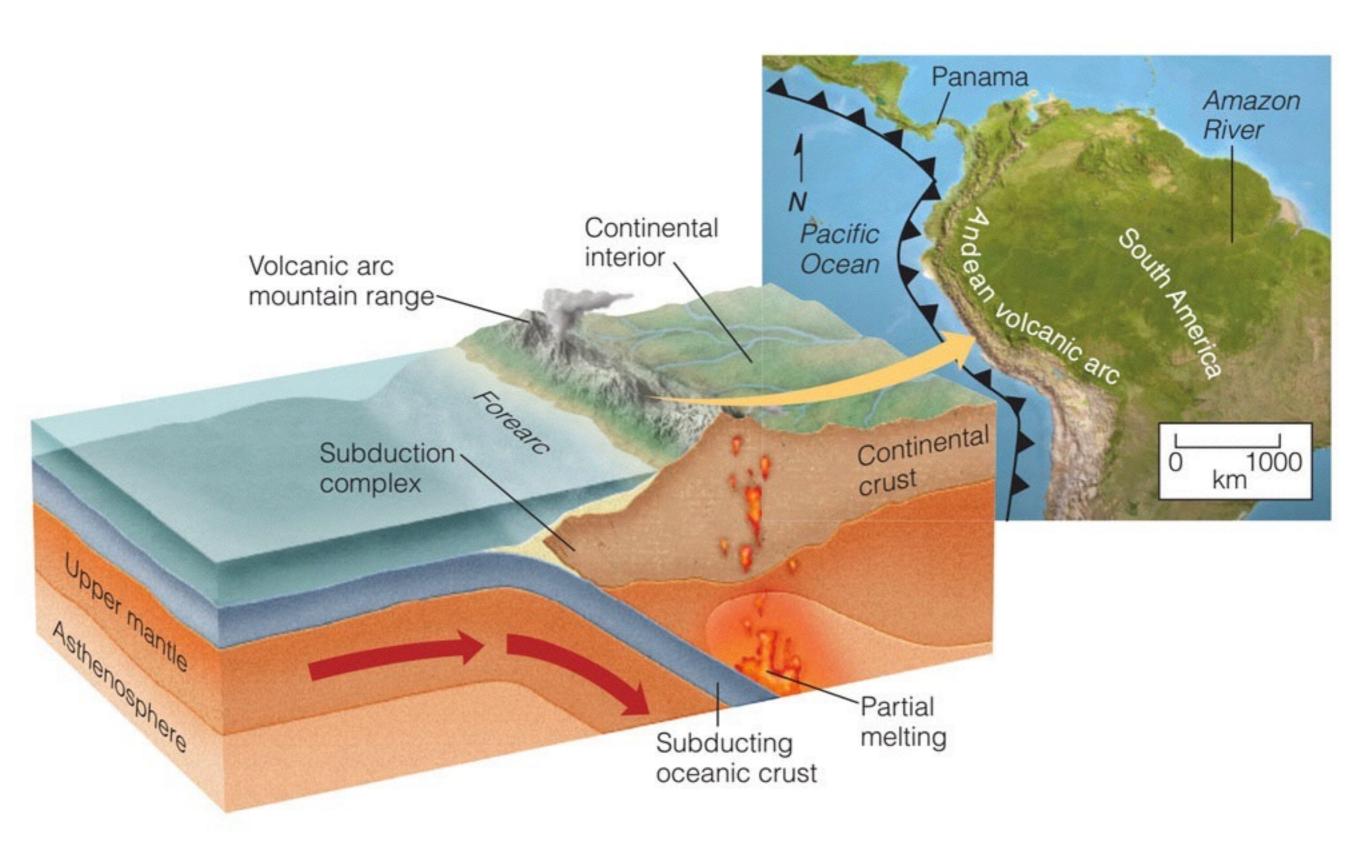
Archean Eon - the time of crust-building



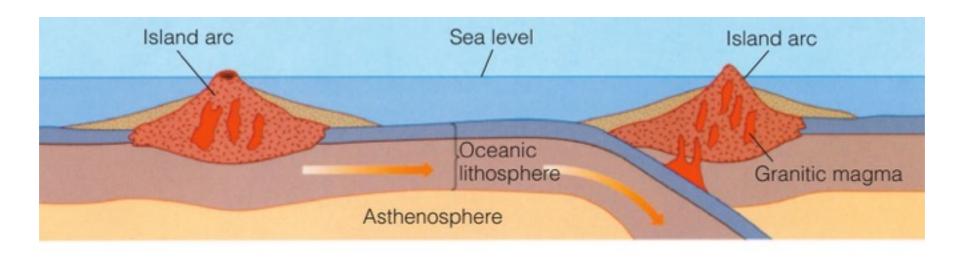
Modern Plate Tectonics

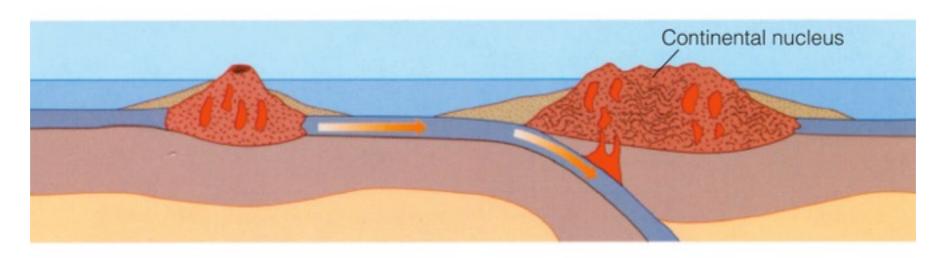


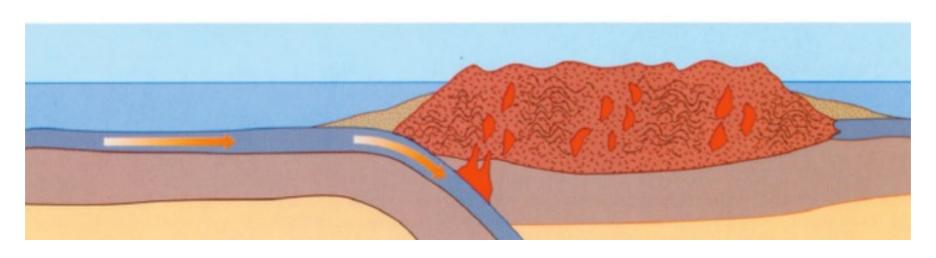
Modern Subduction Zone



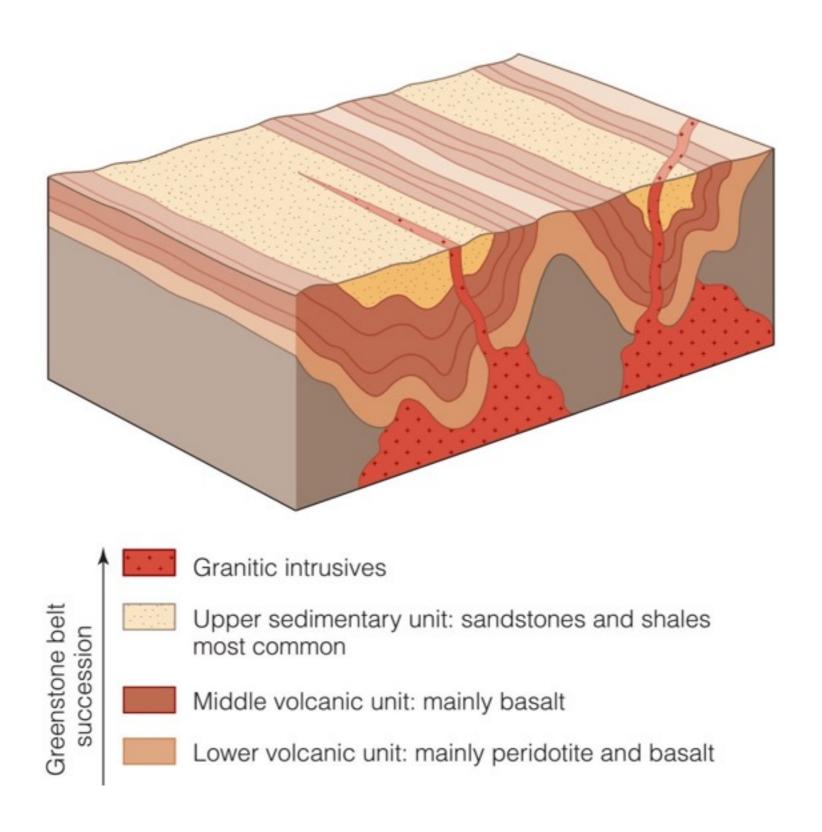
Ancient Subduction







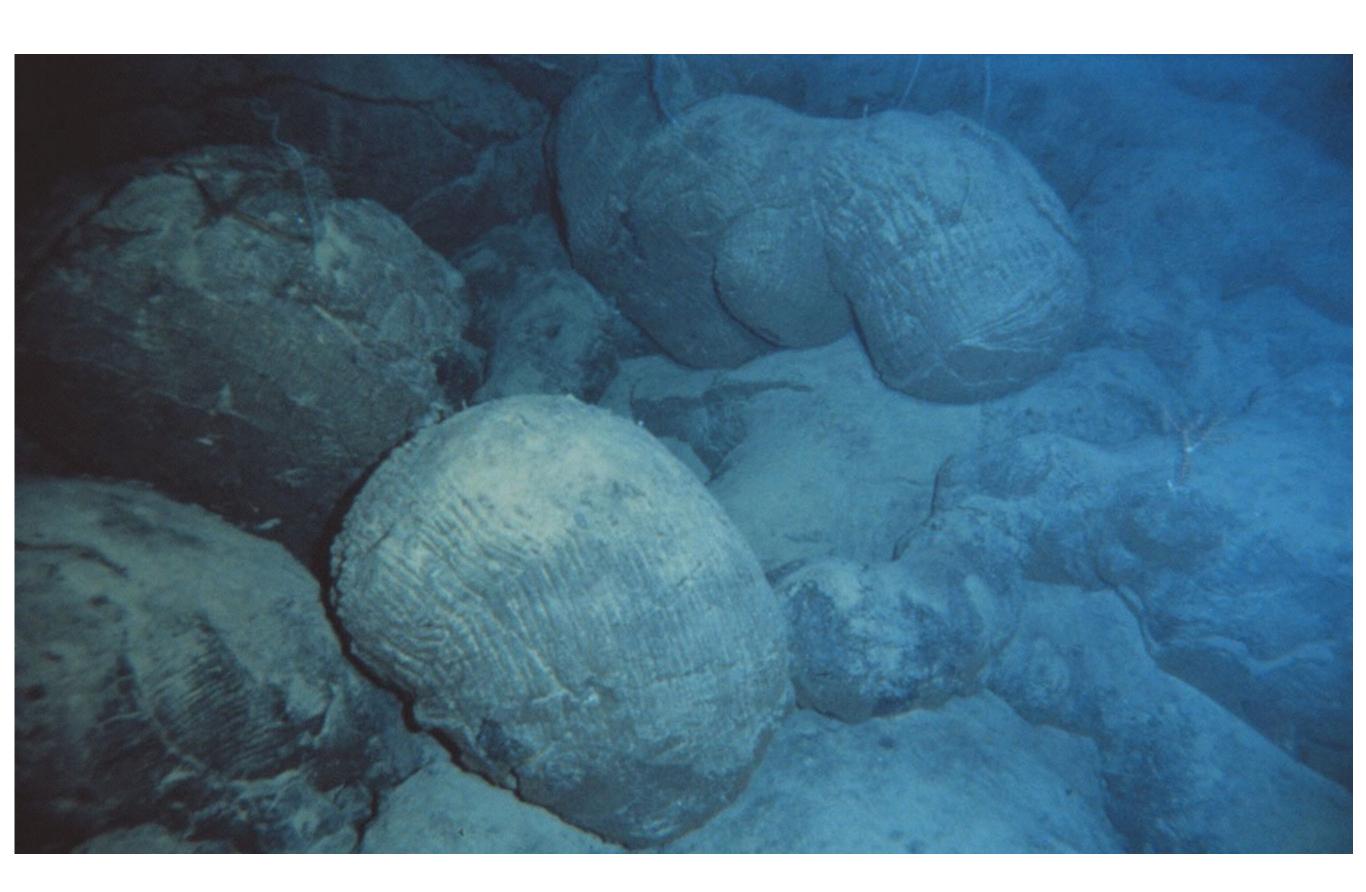
Archean Greenstone Belts



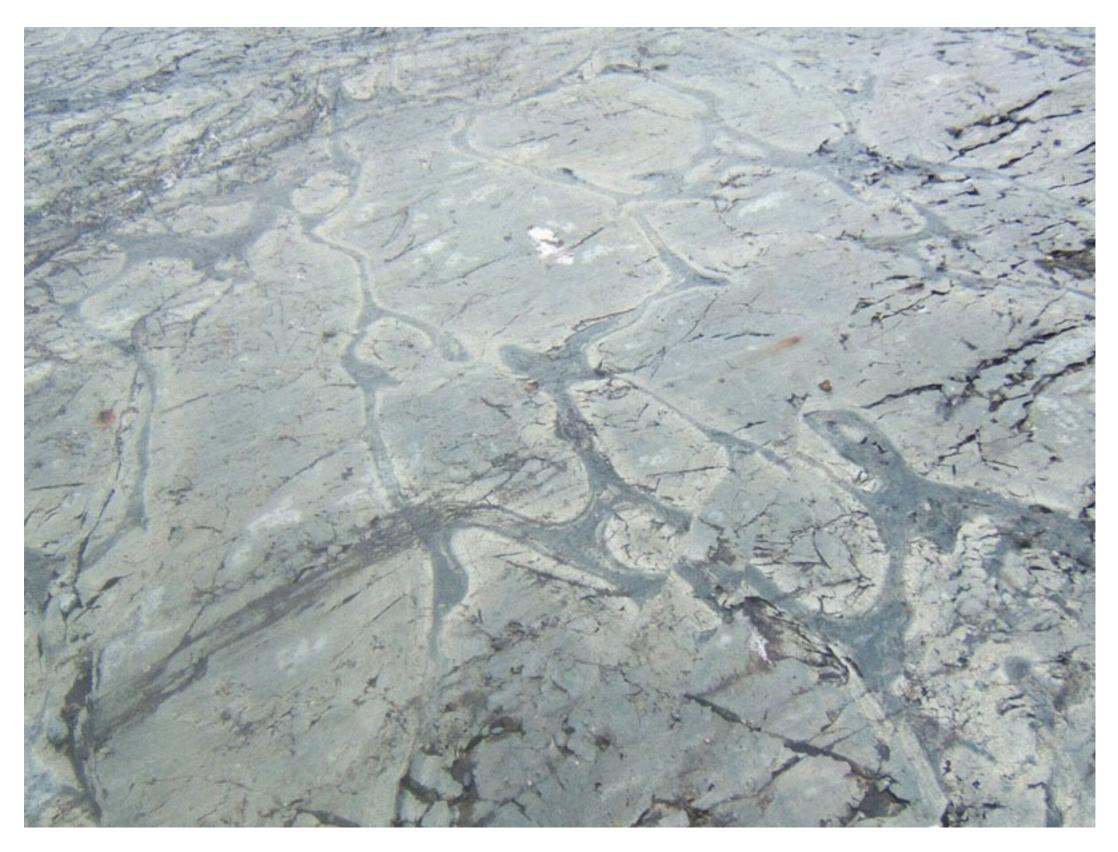
Komatiite - an olivine lava with spinifex texture



Hawaiian Pillow Lavas



Metasedimentary Greenstones



Acasta Gneiss from Canadian Shield - 4 Ga

