

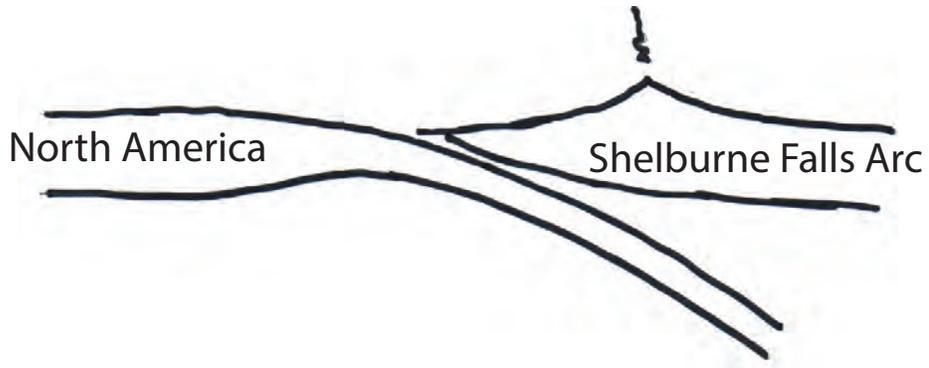
Geology of Pelham, MA

Michael L. Williams (Mike)

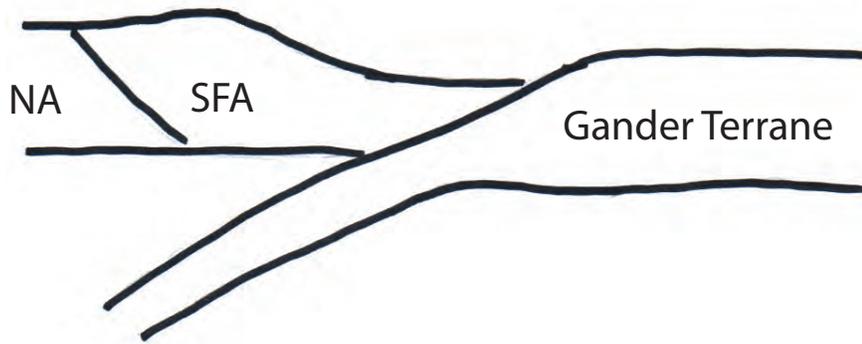
November 8, 2025



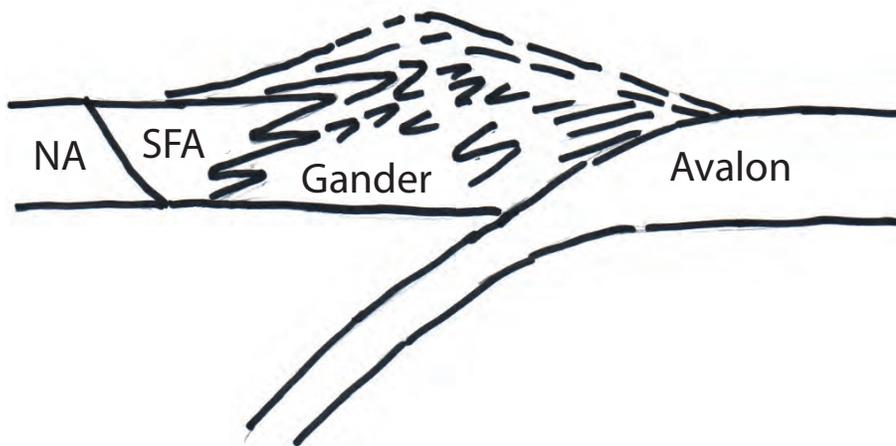
Taconic Orogeny (480-450 Ma)



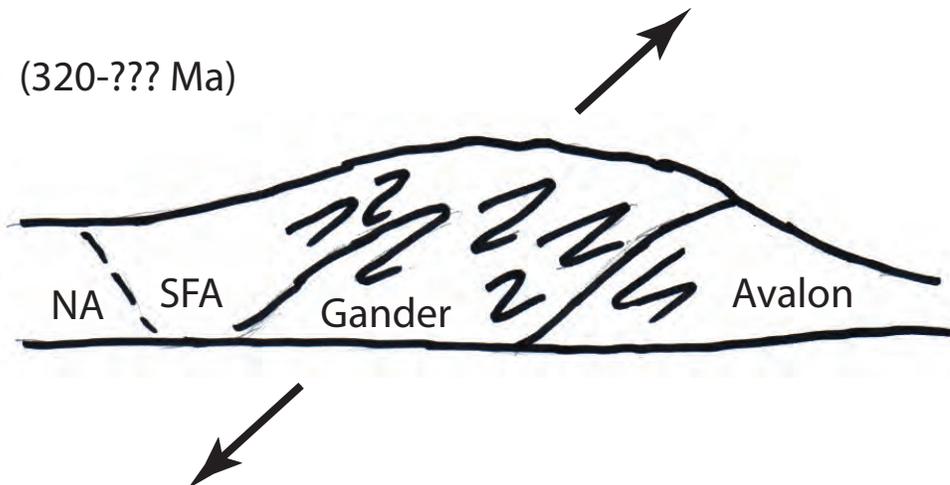
Salinic Orogeny (440-420 Ma)

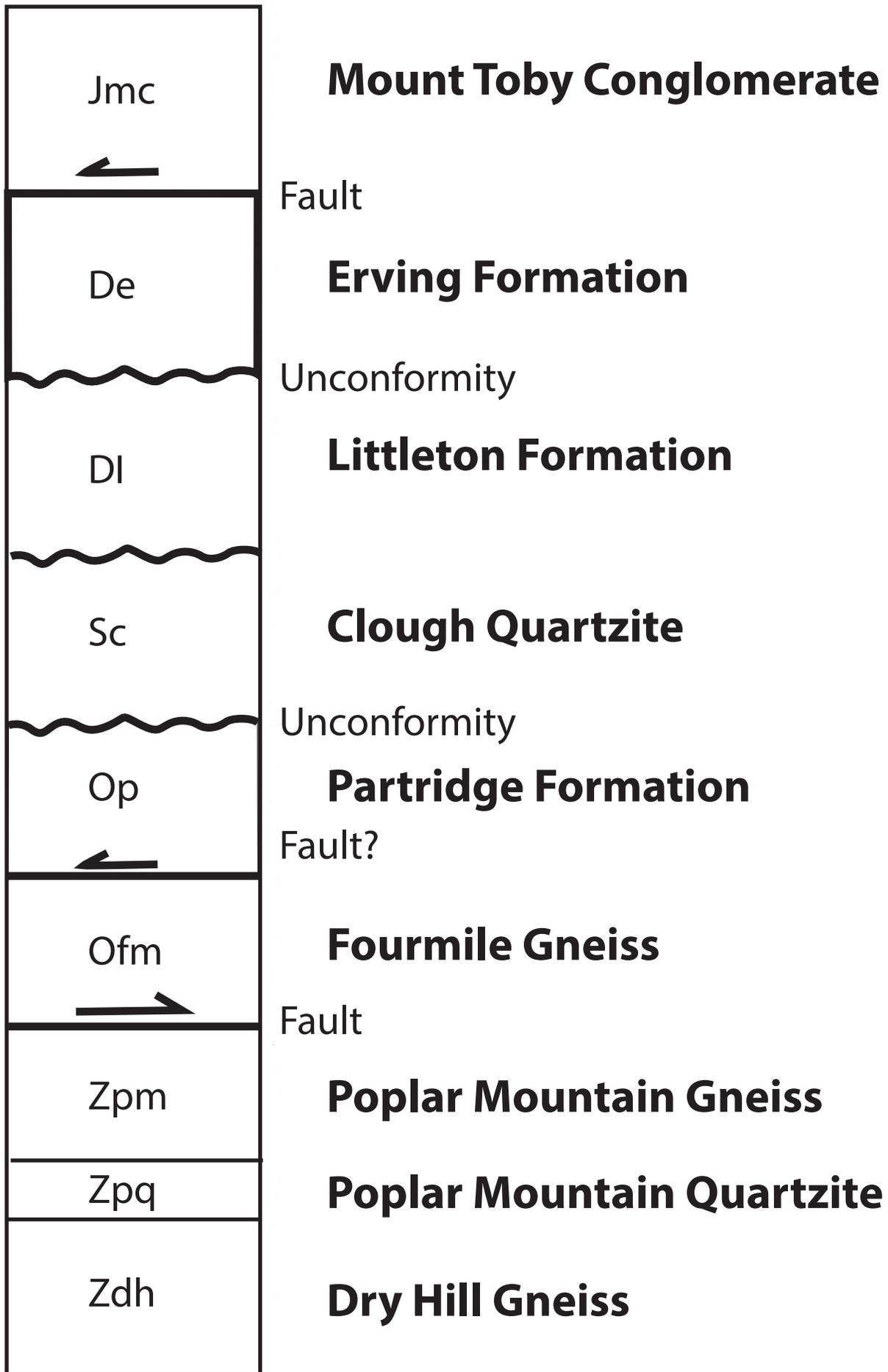


Acadian Orogeny (420-380 Ma)



Collapse (320-??? Ma)





Ct. Valley

Border Fault

Pelham Dome

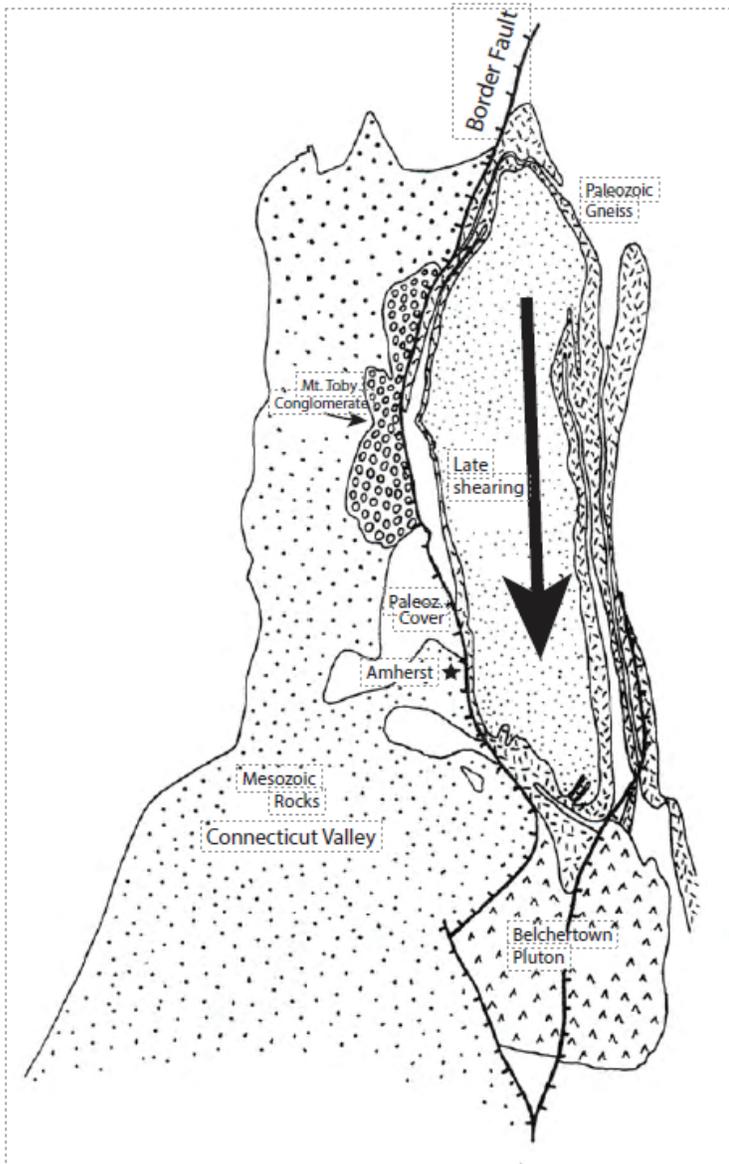
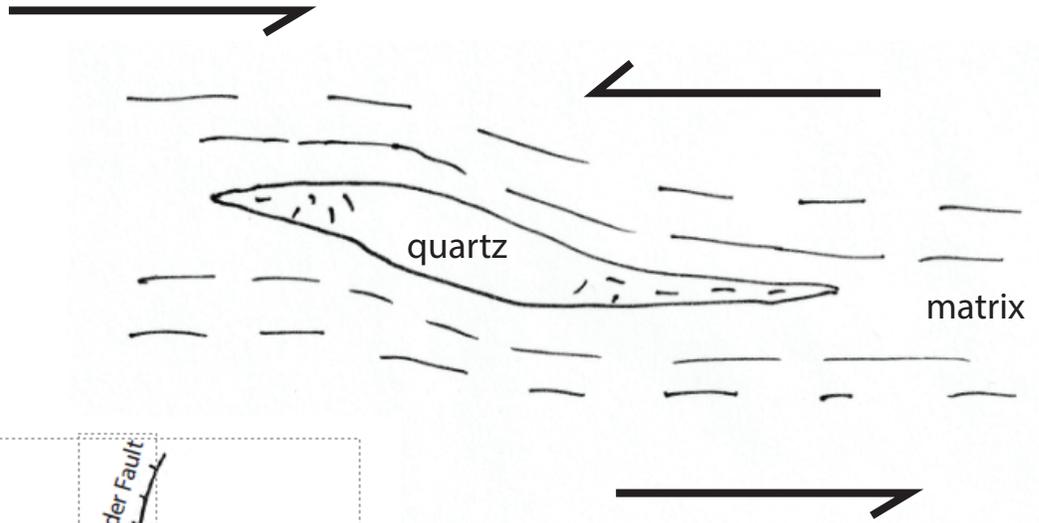
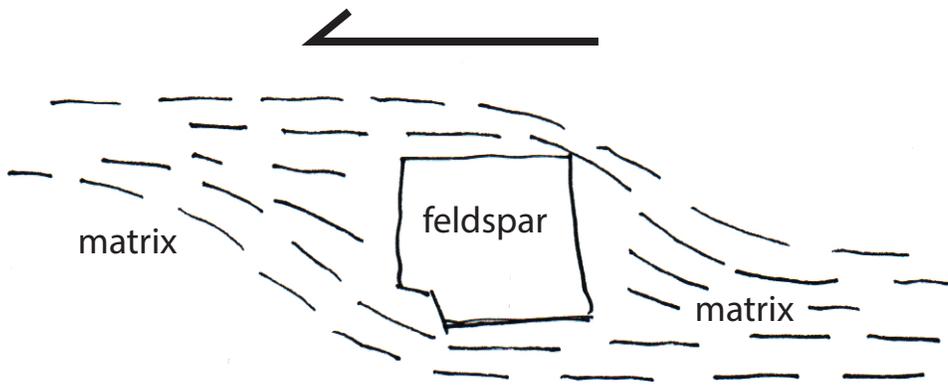
Mt. Toby

Dry Hill Gneiss

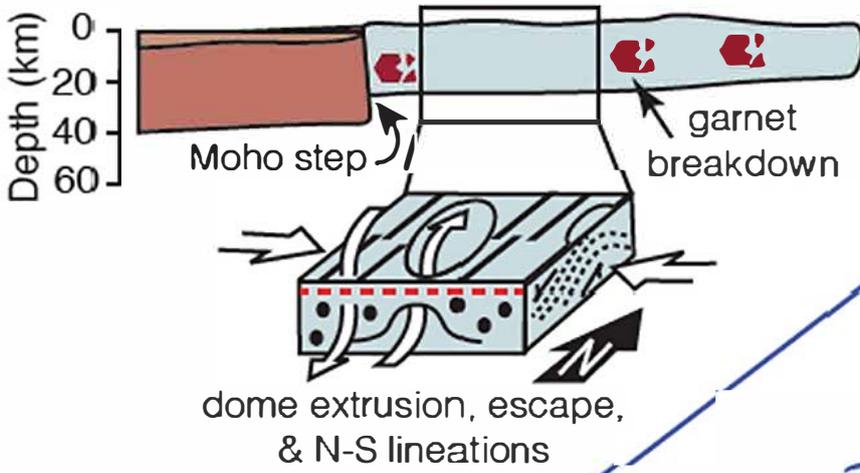
WEST

EAST

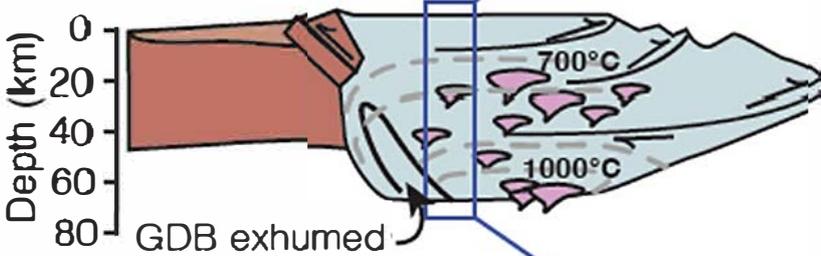




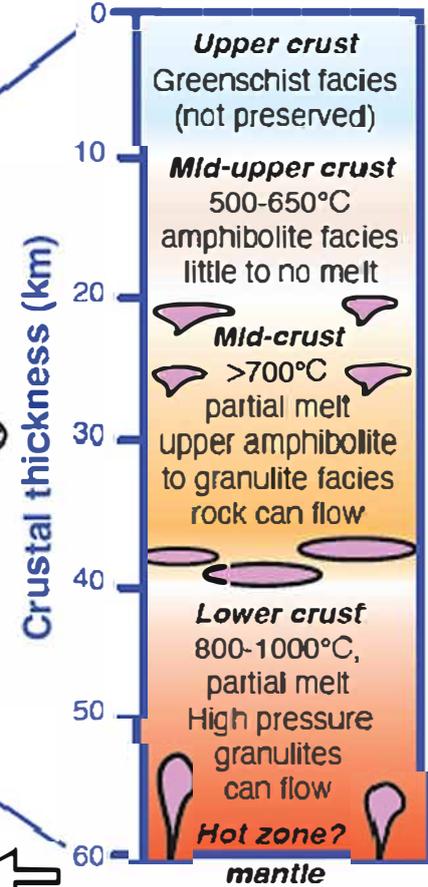
E. 330-300 Ma: Plateau collapse



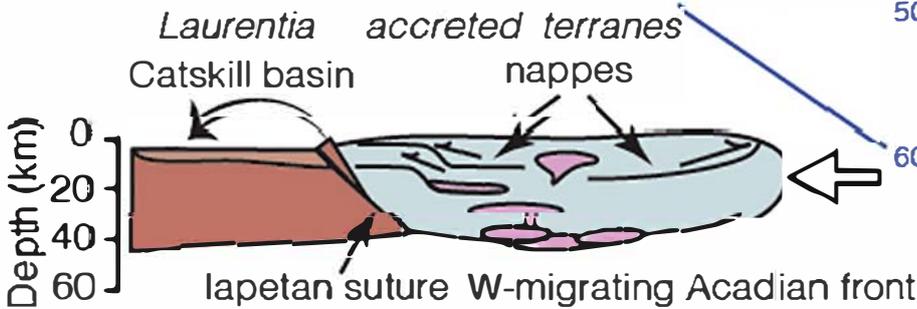
D. 380-330 Ma: Acadian altiplano



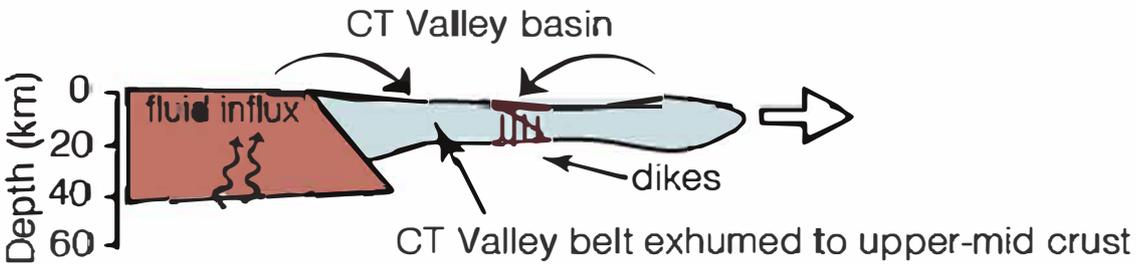
Interpreted crustal section



C. 410-380 Ma: Acadian thickening



B. 435-420 Ma: Extension and basin formation



A. 455-440 Ma: late Taconic crustal thickening

