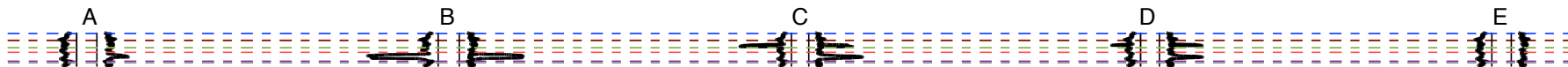


Vertical exaggeration in cross sections

Cross sections commonly have vertical exaggeration: the vertical dimension is magnified relative to the horizontal. This can be useful in recognizing correlations (as in the bottom panel) that would be hard to see without vertical exaggeration (as in the top panel). On the other hand, vertical exaggeration increases

dips and alters the cross-sectional area of bodies of rock, and thus it can lead to misunderstanding of structural relationships or inaccuracy in estimation of volumes. Any cross section should therefore be labeled to indicate the magnitude of its vertical exaggeration.

No vertical exaggeration:



24x vertical exaggeration:

