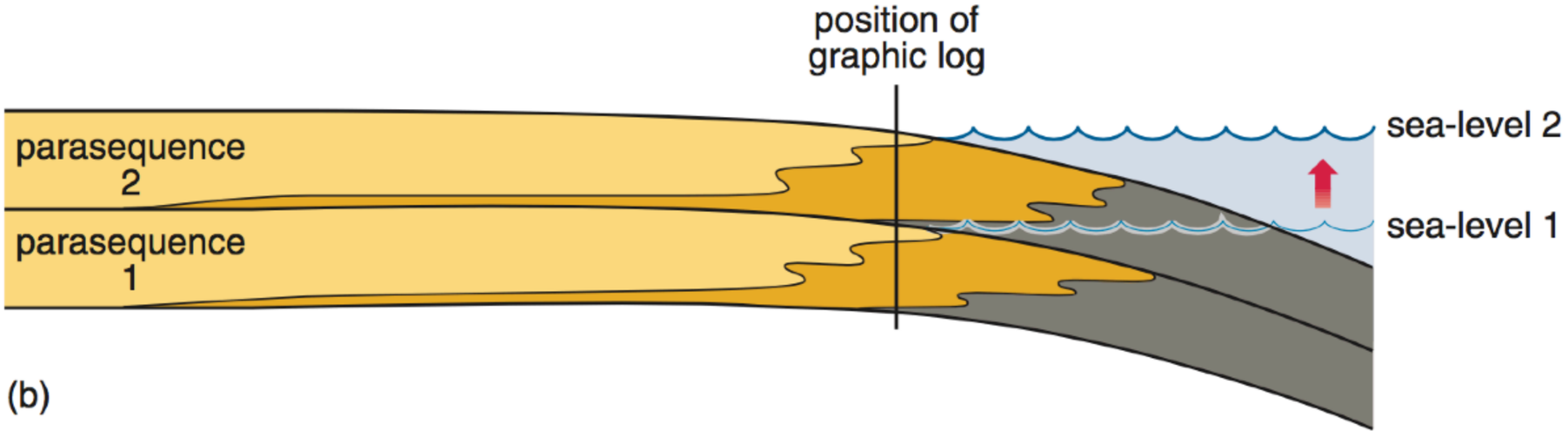
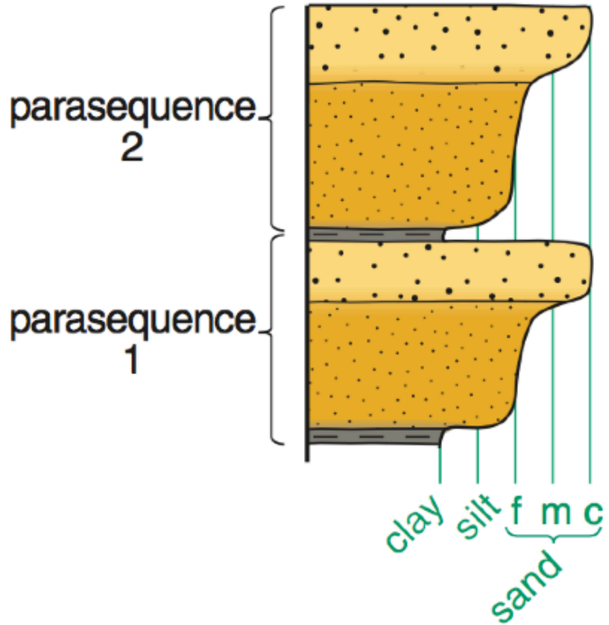

position of
graphic log
parasequence
2
parasequence
1
sea-level 2
sea-level 1

(b)


parasequence
2
parasequence
1
clay
silt
f
m
c
sand

School of Geosciences

Parasequence sets

Aggradation

KEY

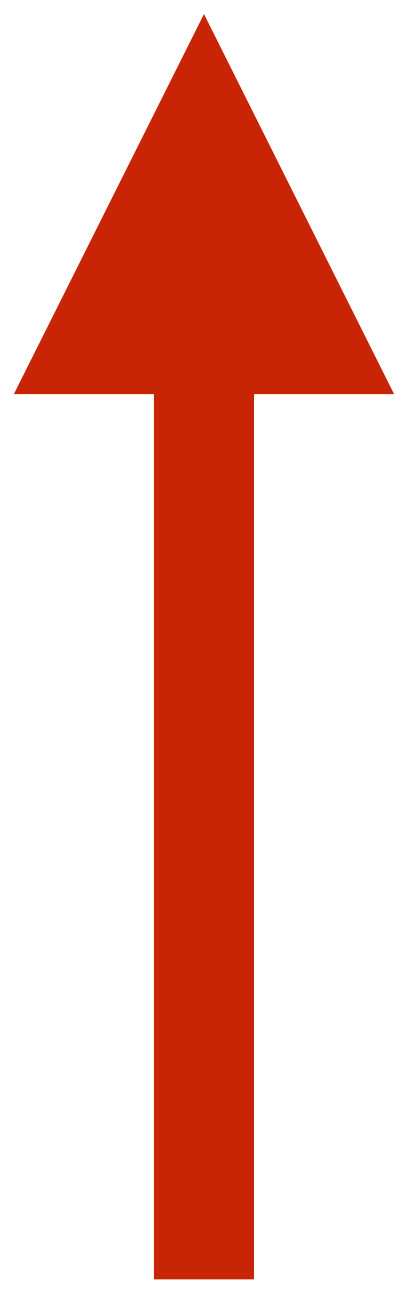
alluvial and coastal plain sediments

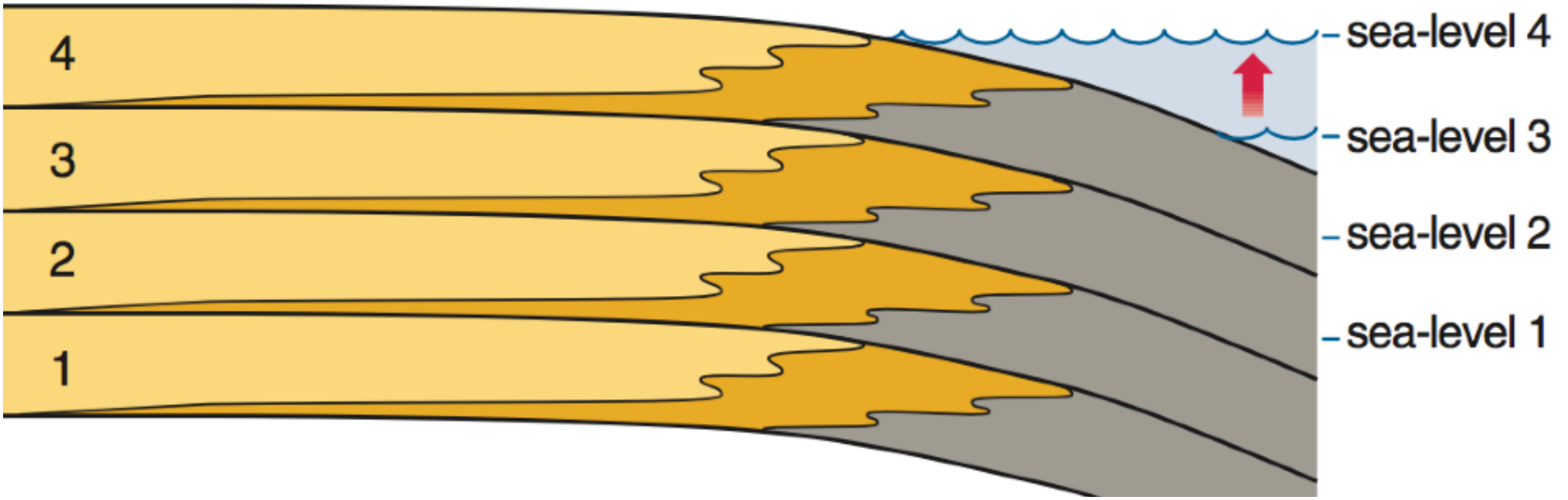
shallow-marine sediments

offshore-marine sediments

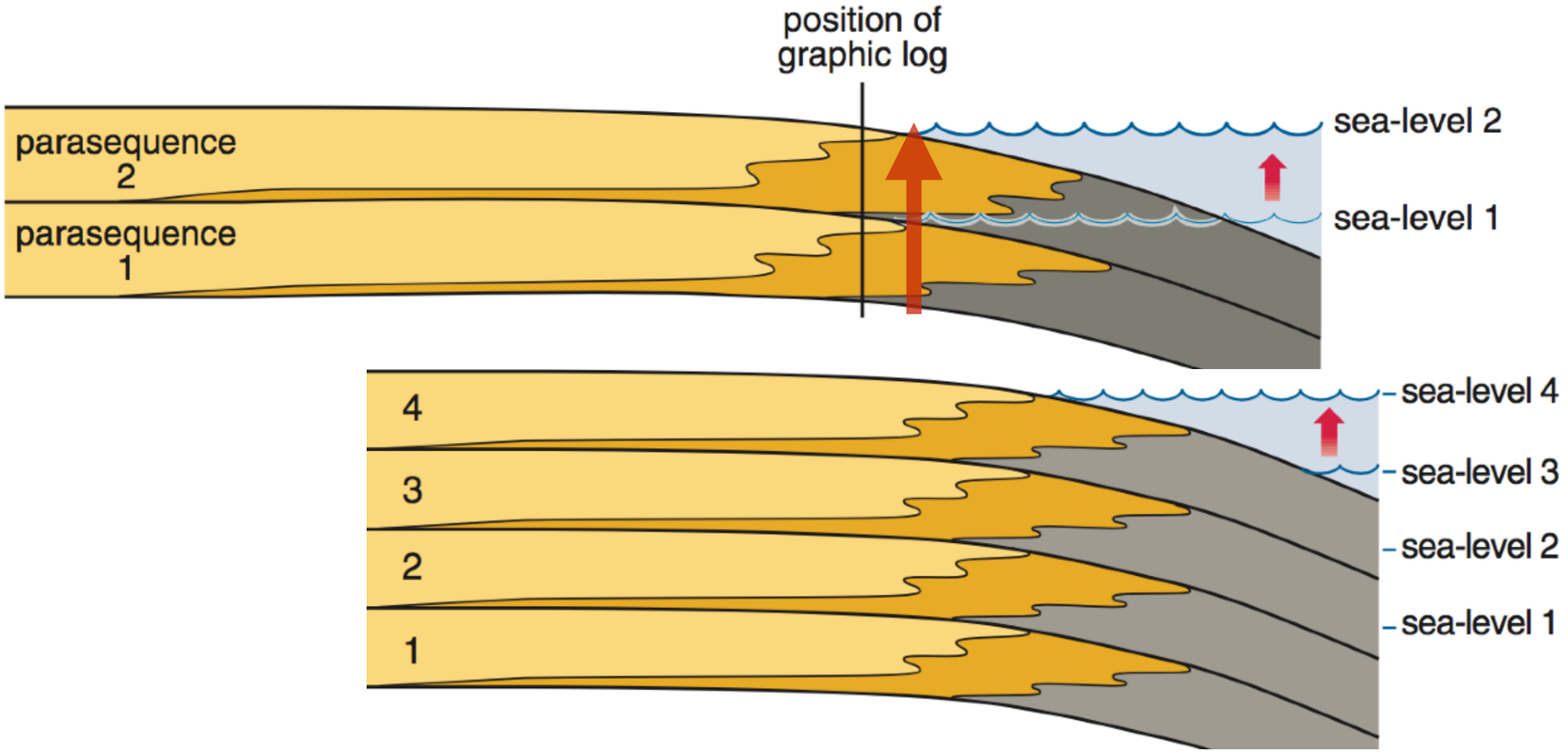
increase in acc. space = rate of sed. supply

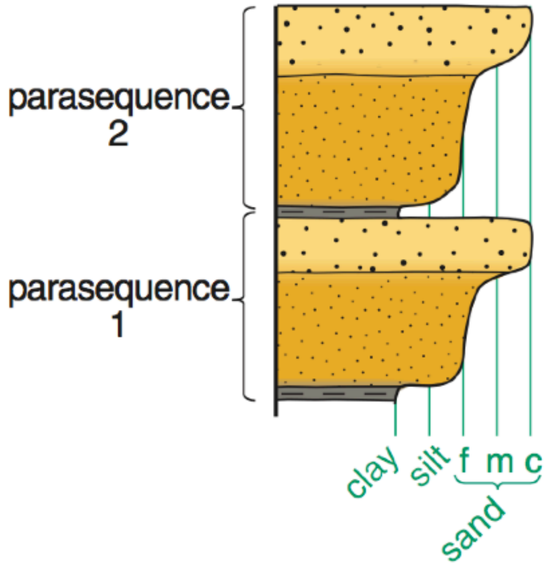
shoreline stays in the same position

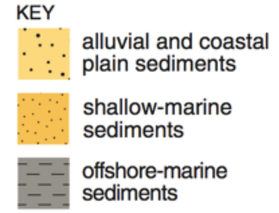



4
3
2
1
sea-level 4
sea-level 3
sea-level 2
sea-level 1

Parasequence sets





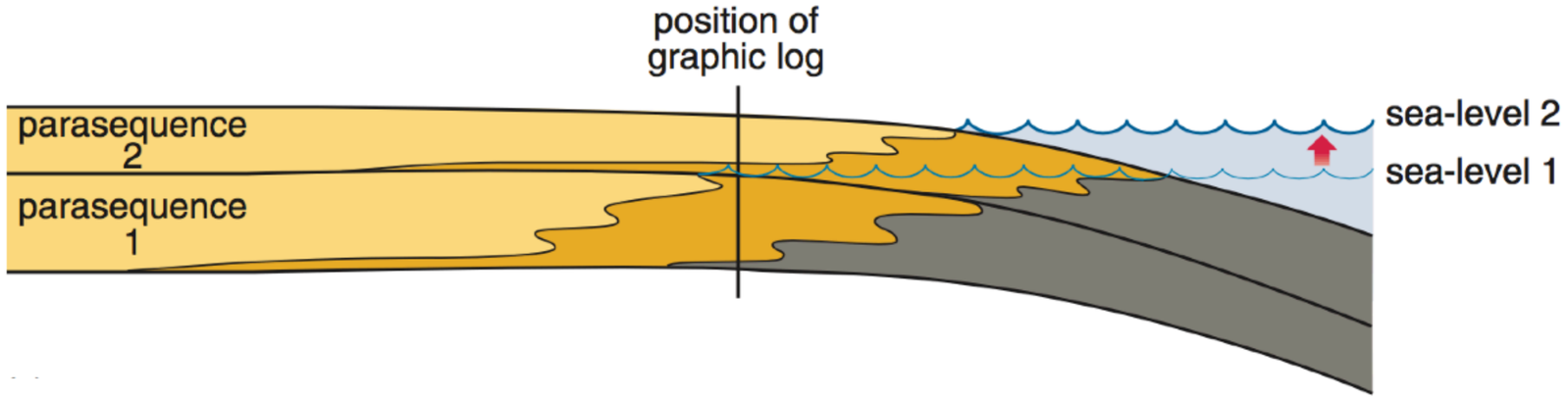


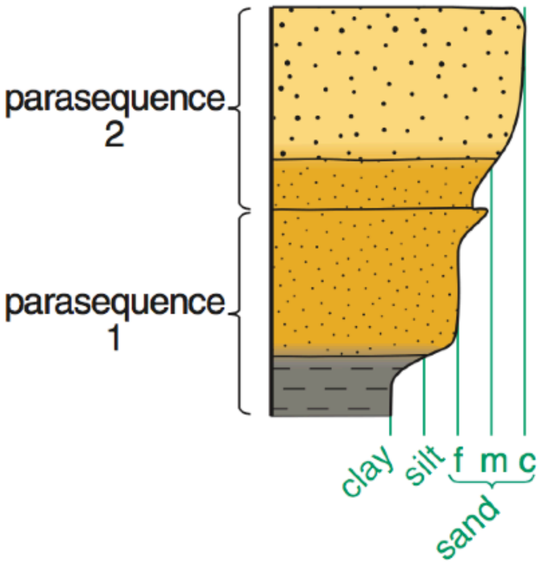
Aggradation

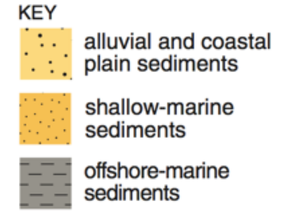
increase in acc. space = rate of sed. supply

shoreline stays in the same position

Parasequence sets







Progradation

increase in acc. space < rate of sed. supply

successive parasequences shift basinward