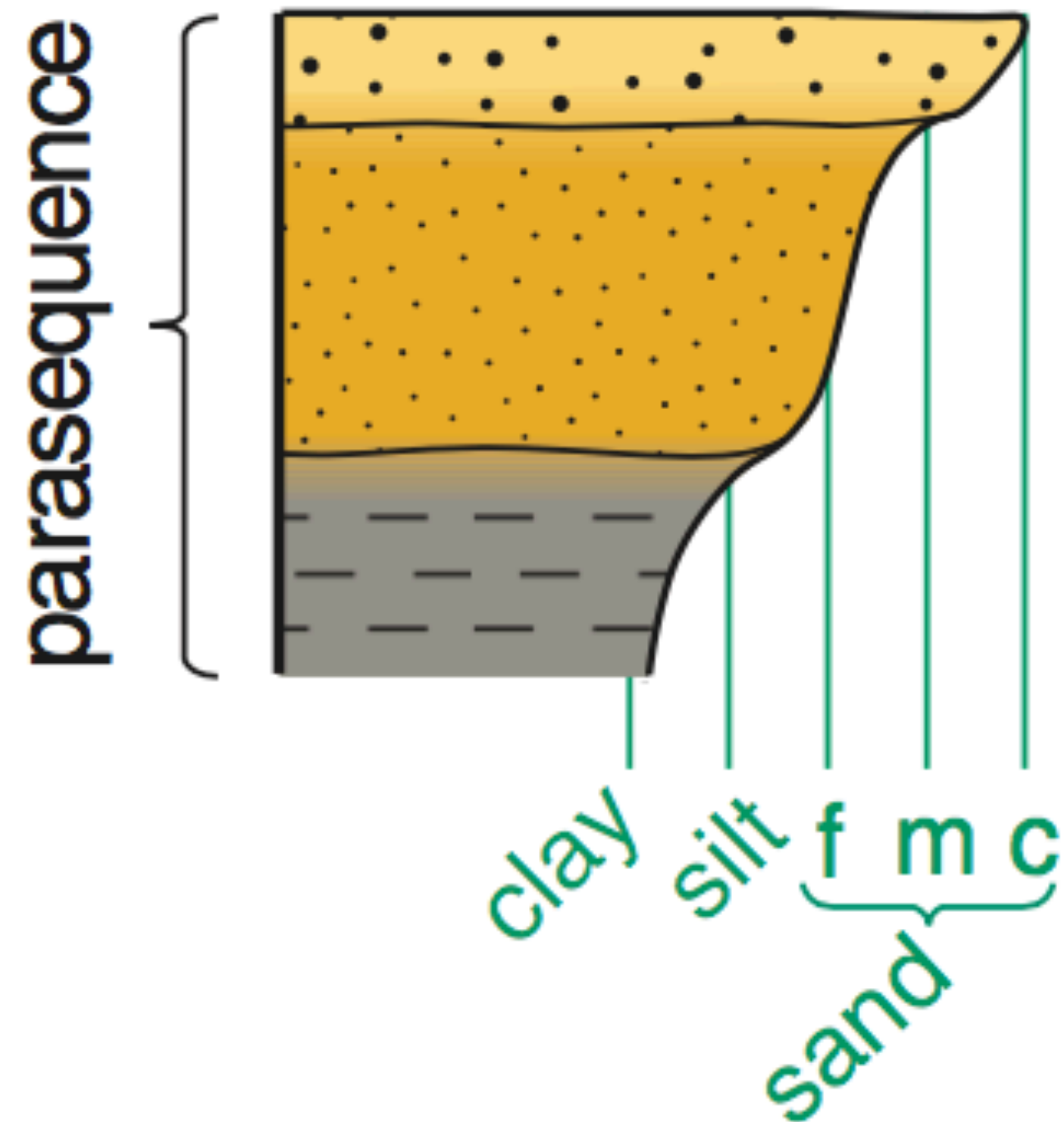


Development of parasequences

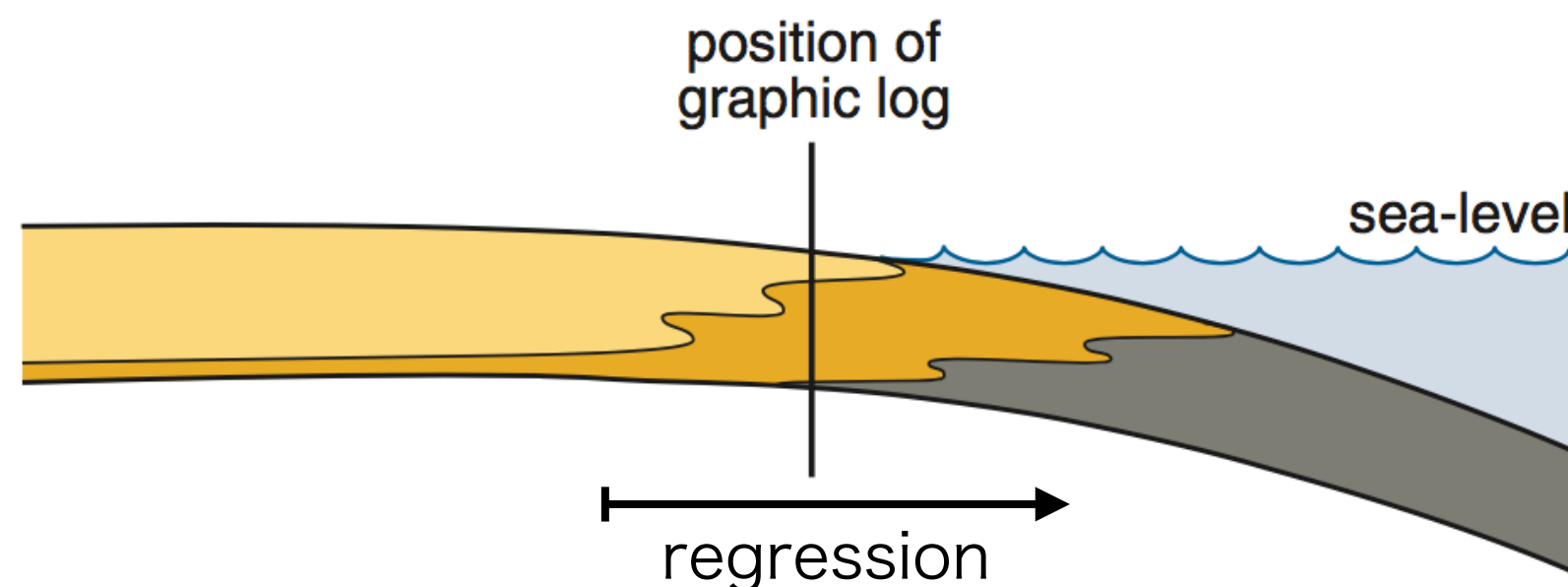


Deposits accumulate through time in progressively
shallower-water depths



**parasequence is shallowing-upward and usually
coarsening-upward**

If rate of sed. supply & rate of acc. space remained constant: the succession continues to prograde into the basin until the sediments have filled all the available accommodation space.



Development of parasequences

What will happen if there is an increase in the rate of creation of acc. space (i.e. a relative sea-level rise) such that it is greater than the rate of sed. supply?

