

(a) Flat shore-line.



(b) One-lobe shore-line.



(c) Two-lobe shore-line.



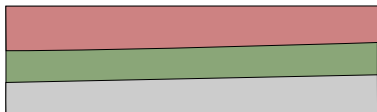
(d) Low barriers level.



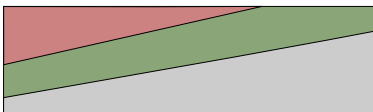
(e) Medium barriers level.



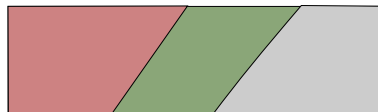
(f) High barriers level.



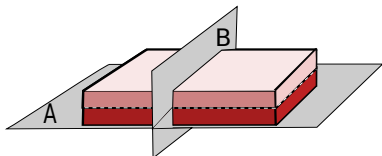
(g) Low aggradation angle.



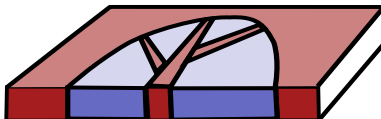
(h) Medium aggradation angle.



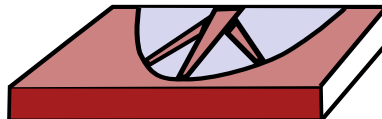
(i) High aggradation angle.



(j) Slice A is used in Figures a-f and B in Figures g-i.



(k) Up-dip progradation.



(l) Down-dip progradation.

Figure 2: The studied geological features. a-c) Shoreline shape, gray is for poor quality rock and brown color resembles a good quality rock. d-f) Barriers level defined by transmissibility multiplier; gray color is for zero and brown color shows one. g-i) Aggradation angle. k-l) Progradation direction. Figure j shows the slices used in other figures.