

WALTHER'S LAW

Photocopy the first sheet on white paper. The second sheet must be copied six times onto six different coloured pieces of paper. Each sigmoidal shape representing the deposits of a delta during a time unit, must be then cut out along the red lines.

Each student is given a copy of the first sheet and six of the delta pieces, each a different colour.

Students then lay each of these pieces in turn onto the white paper to extend the delta. They now fill in the graphic log. They can then see how Diachronism and Walther's Law works.

DELTA'S LATERAL ACCRETION

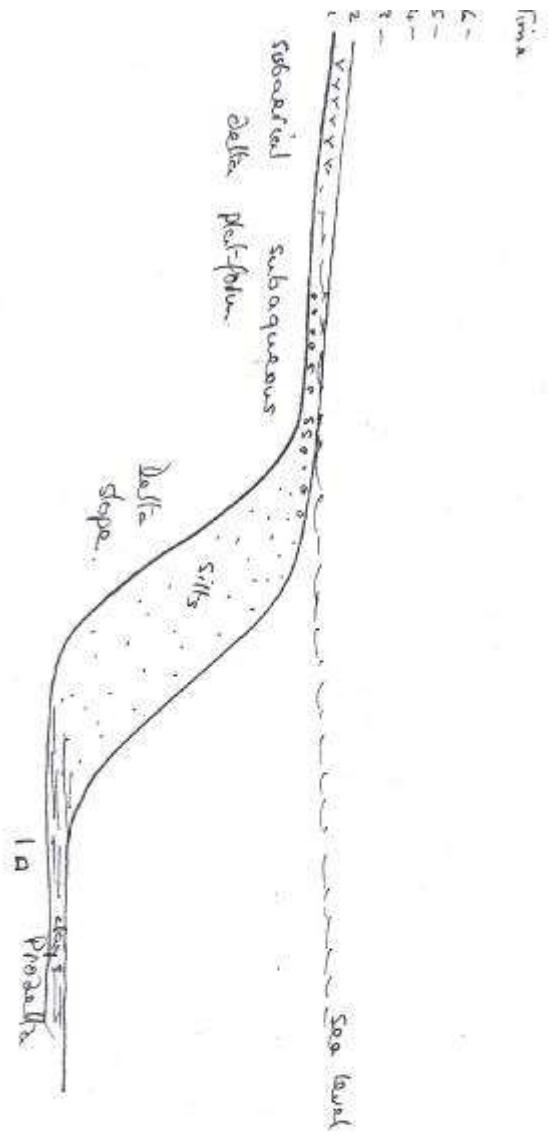
Definition

Lateral accretion

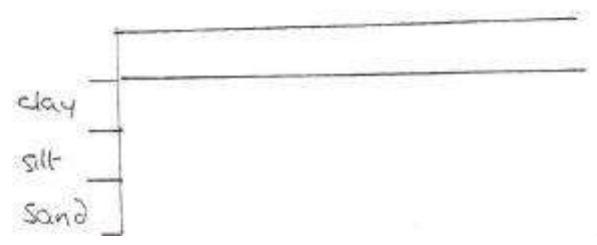
Wattias lens

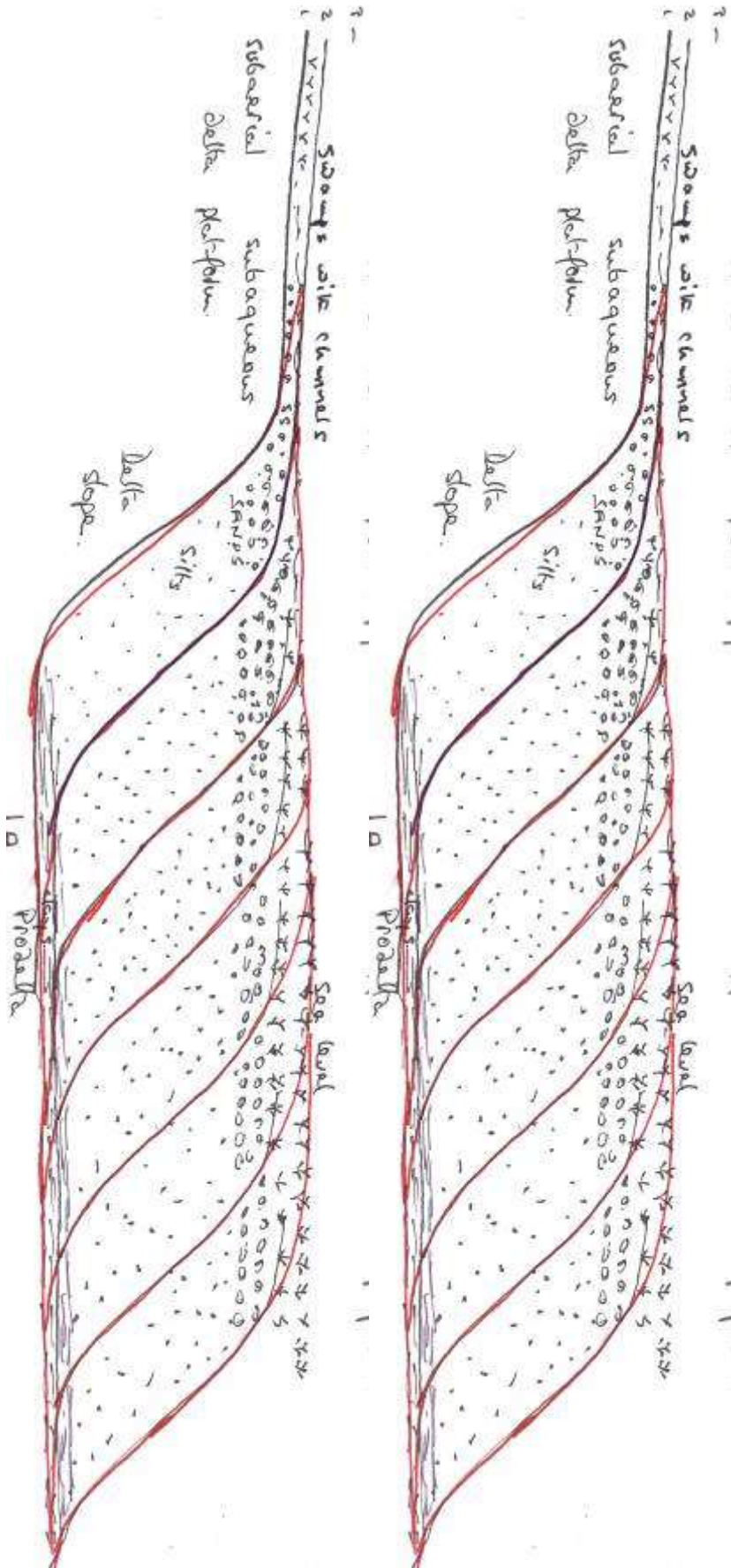
Diachronous

Complete section below



Graphic Log A
Section at point A
Sediment





This is a completed example of the delta. Each colour represents a different time interval. Students can see how the delta has built out sideways = lateral accretion and how the vertical sequences of rock types represents the original horizontal sequence of environments and lastly that each rock unit is diachronous.

