

The diagram illustrates the process of sediment deposition. At the top, a light blue sky is separated from a dark blue body of water by a scalloped horizon line. The water contains small yellow particles. On the left and right sides, green seaweed-like plants are shown. The bottom of the water is a yellowish sediment layer. Below this, the ground is shown in horizontal layers: a thin dark brown layer, a thicker light yellow layer, and a bottom-most dark brown layer. The text 'Sediments are deposited in flat layers.' is centered over the light yellow layer.

**Sediments are
deposited in flat layers.**