



# Memory Geogger

**Which of the following is the correct definition of mass movement?**

Mass Movement is the downhill movement of cliff material under the influence of gravity.

Mass movement is the wearing away of material by water, wind or other natural elements.

Mass movement is the transportation of material by the sea.

Number the statements below in order to explain the process of slumping.

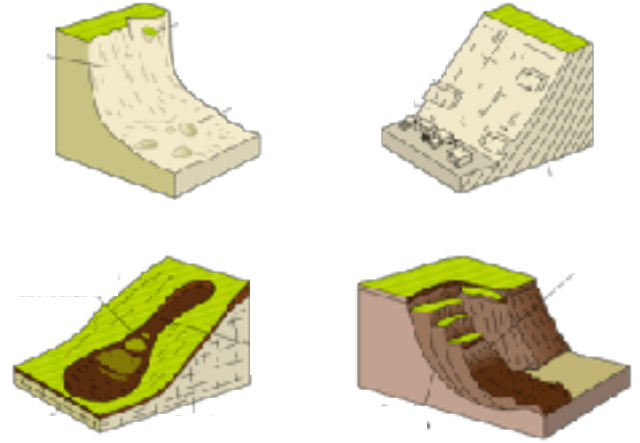
The weight of the saturated cliff causes it to slump.

Waves erode the base of the cliff creating a wave-cut notch.

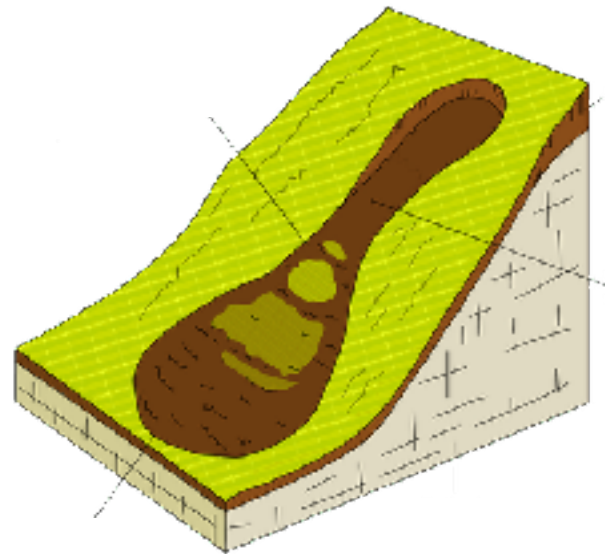
Soft boulder clay holds rainwater and run-off.

The clay becomes saturated and forms a slip plane.

Identify the four types of mass movement shown below.



Annotate the image below to show the main features of a mudslide.



Which type of mass movement is being described below?

In areas of more resistant cliff material erosion is greatest when waves break at the foot of a cliff. This causes erosion at the base of the cliff. This creates a wave-cut notch in the base of the cliff. As the notch increases in size, the weight of the cliffs above become too much to support which leads to a large amount of material collapsing.



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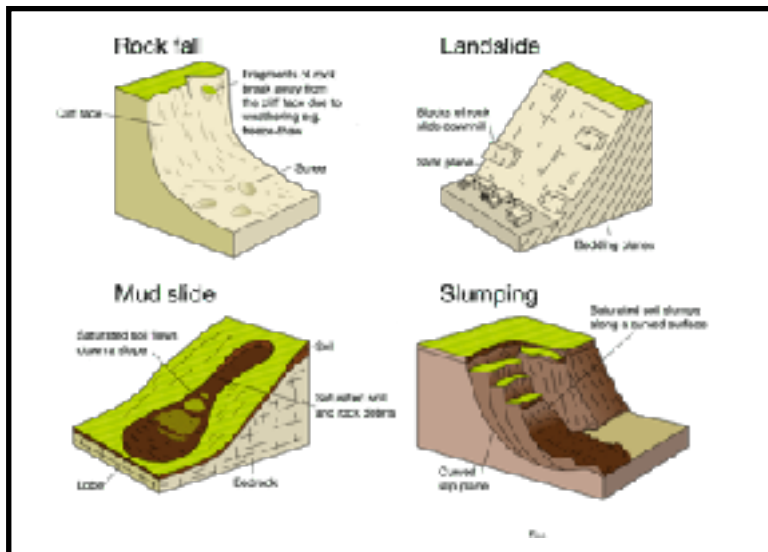
Mass movement is the transportation.

The weight of the saturated cliff causes it to slump. (4)

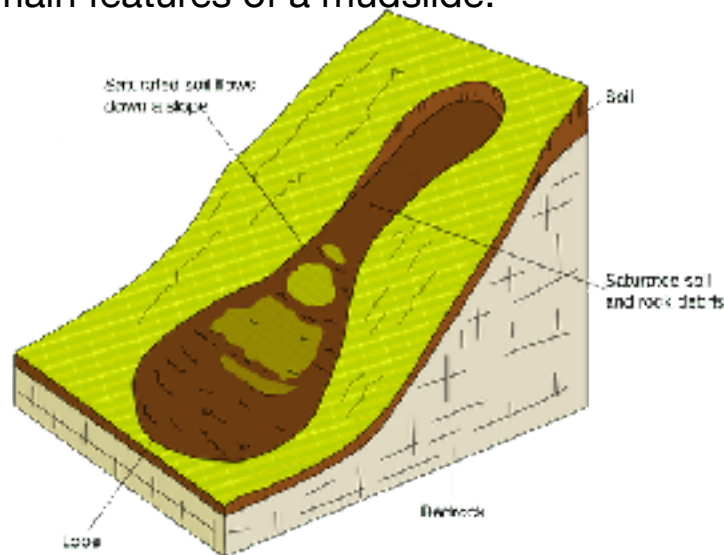
Waves erode the base of the cliff creating a wave-cut notch. (2)

Soft boulder clay holds rainwater and run-off. (1)

The clay becomes saturated and forms a slip plane. (3)



Annotate the image below to show the main features of a mudslide.



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Landslide