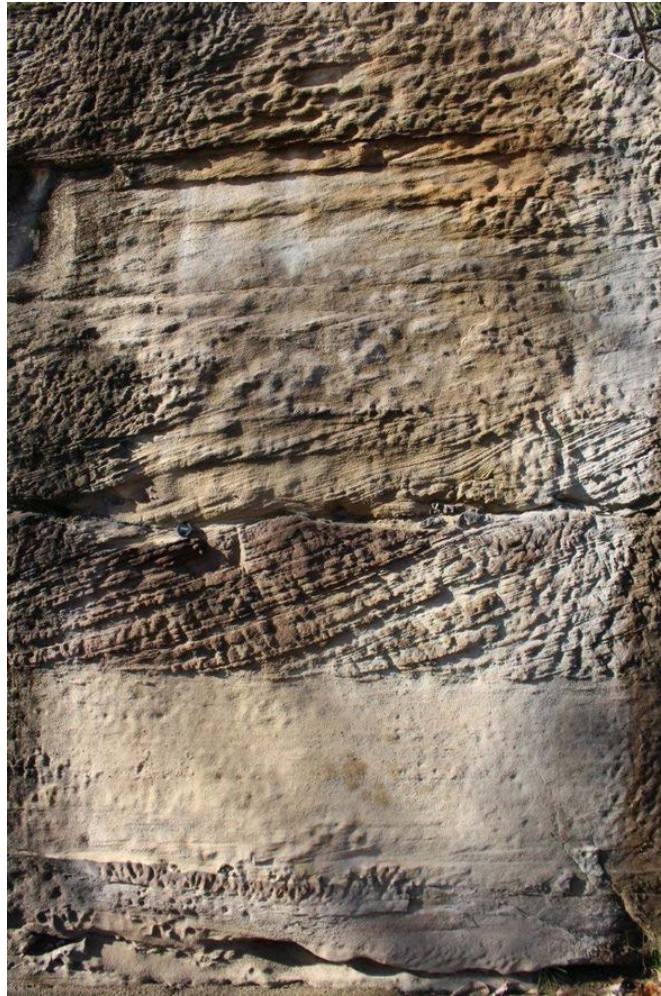




## Activity 5 – Ripples and storms

Watch the [Sandstone: Why is this rock special?](#) video

1. Mark horizontal lines on the photo and number them starting with 1 at the bottom (layers at the bottom of rock are oldest).
2. Draw where you can see diagonal lines. Are they all at the same angle from the horizontal lines? (You may want to measure the angle.)
3. Use a colour to mark where the tops of diagonal lines are cut off by a horizontal line.



The diagonal lines in the sandstone are the edges of ripples that were in the sand when it was first dropped out of water. When there is a storm with big waves, it washes away the tops of the ripples and makes a flat line.

By marking the places where the horizontal lines cut off the diagonals, you have figured out when there were storms in the time of the dinosaurs!

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