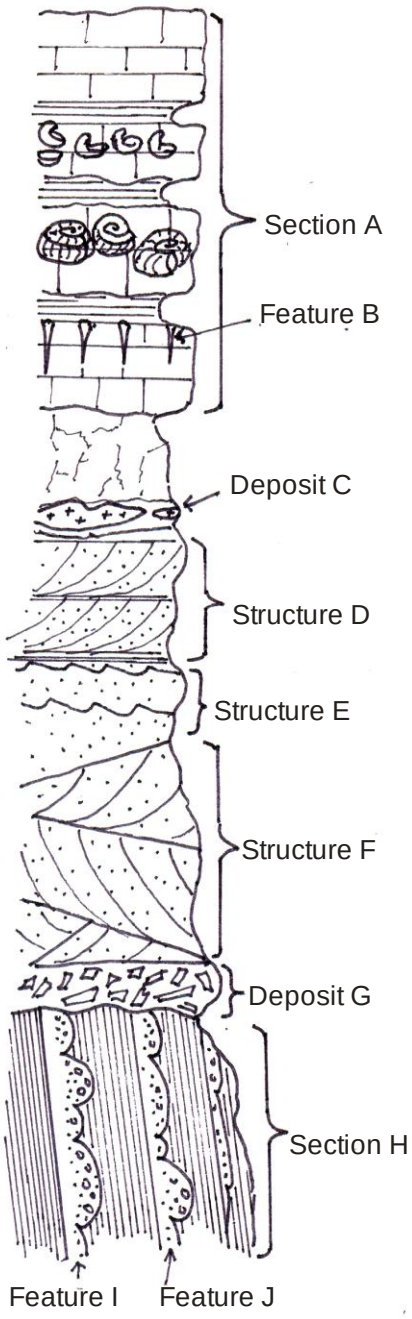
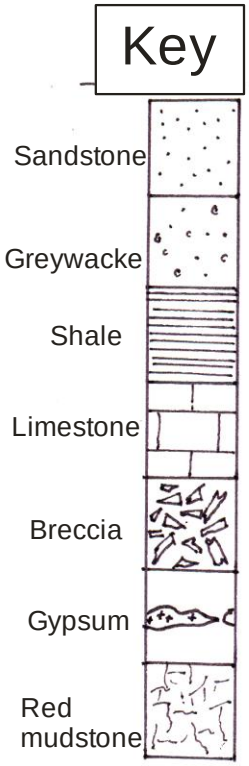
Cliff Section Problem





The diagram shows features of the stratigraphy visible in a cliff.

With reference to the lettered characteristics of the rocks, answer the following questions.

1. In what conditions would the strata in **section A** be deposited?

2. How might **feature B** have been formed?

3. What might have caused **deposit C** to have been formed? Give one piece of evidence to support your answer.

4. With the aid of arrows on the section, identify and explain **structure D.**

5. With the aid of arrows on the section, identify and explain **structure E.**

6. With the aid of arrows on the section, identify and explain **structure F**.

7. Under precisely what conditions is **deposit G** likely to have been formed?

8. What name id given to the line forming the base of **deposit G?**

9. **Section H** shows a small part of a zone of folded rocks.
(i) On the section, **mark b** the side which you think is the bottom of the sequence and **mark t** the side which is the top.
(ii) Identify and name the two **features I and J** which are proof of 'way up' in **section H** .
(iii) What would cause the formation of these two features?
(iv) In which sedimentary conditions are these features formed?