

Determining the Sequence of Events

Simple principles of geology can help determine the sequence of events recorded in the rocks. These laws include:

1. **Original horizontality:** sediments were originally deposited in flat-lying layers.
2. **Superposition:** lower sedimentary layers were deposited before upper layers.
3. **Cross-cutting relationships:** layers were formed before events that disturbed the layers.

Use these principles to determine the sequence of events in the diagram

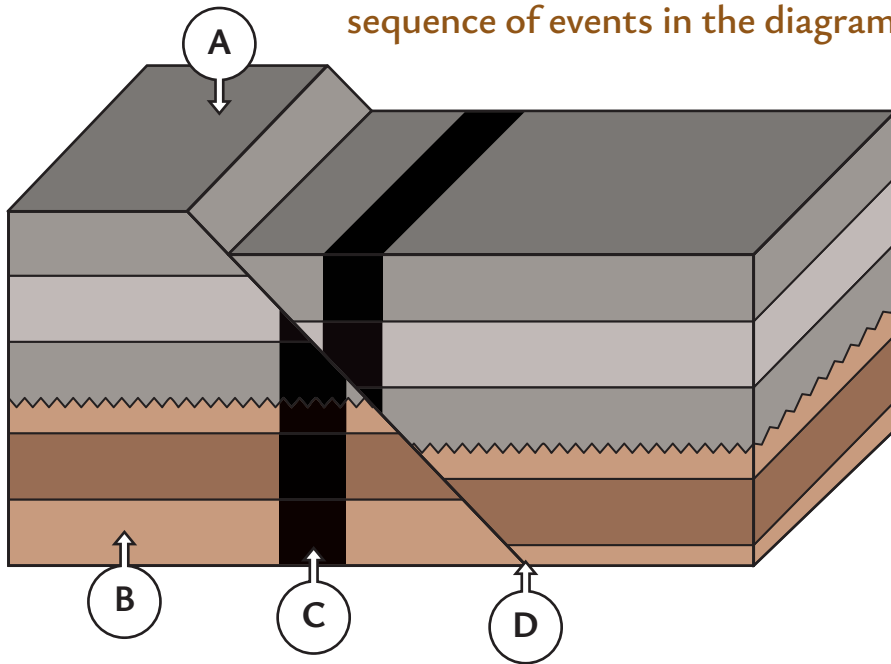


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Answer: B deposition; A deposition; C intrusion; D fault