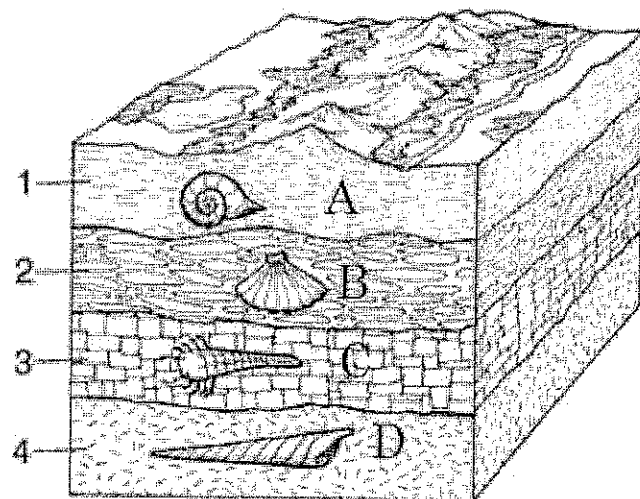
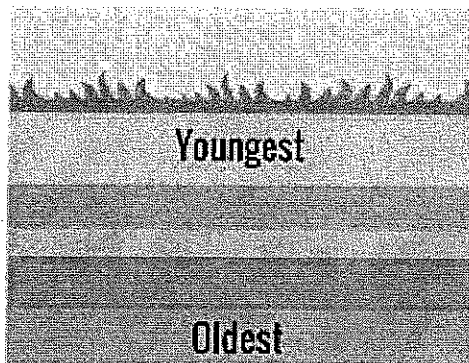


Geologists establish the relative ages of rocks mostly through their understanding of stratigraphic succession. The Principle of Original Horizontality states that all rock layers were originally horizontal. The **Law of Superposition** states that younger strata lie on top of older strata.

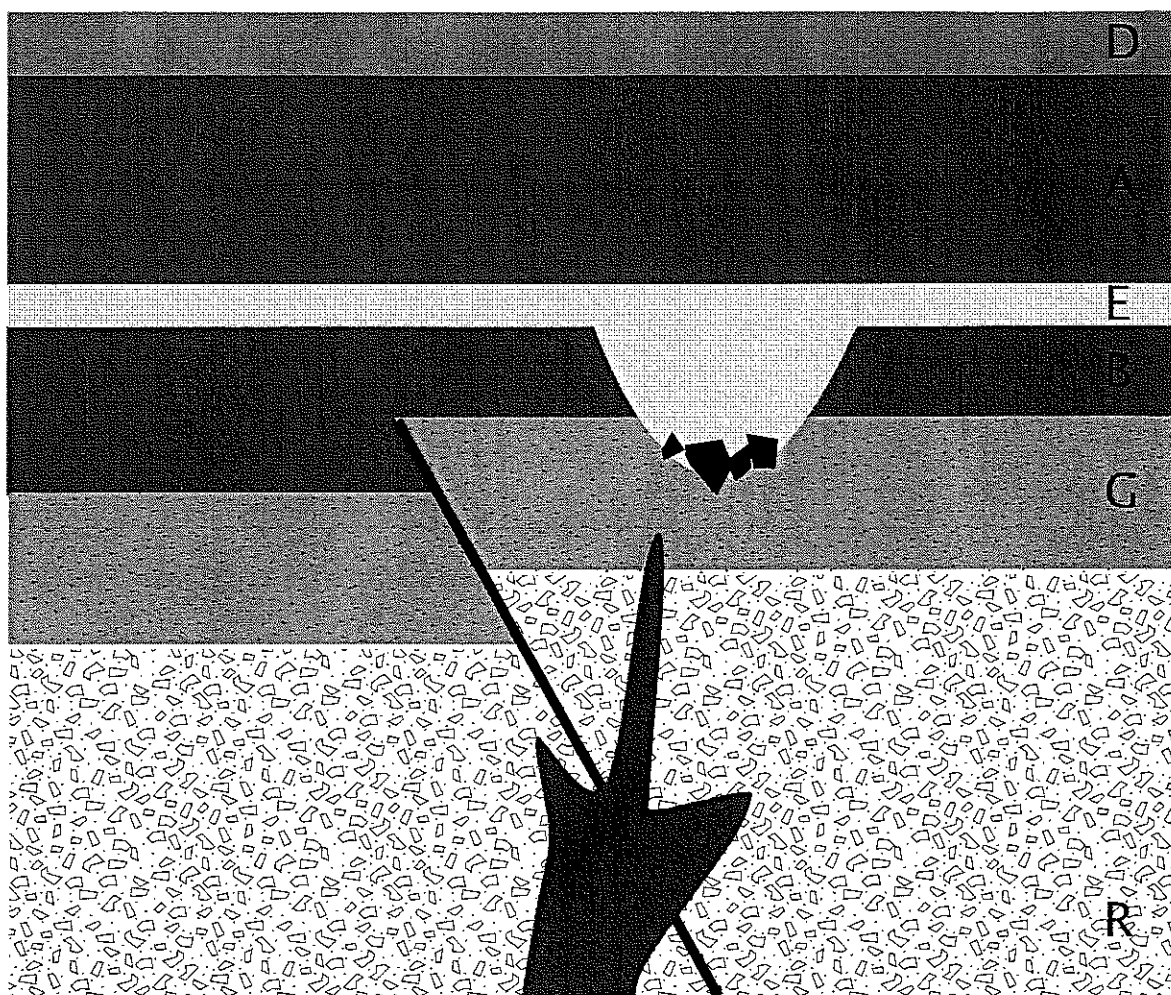
law of superposition: A basic **law** of geochronology, stating that in any undisturbed sequence of rocks deposited in layers, the youngest layer is on top and the oldest on bottom, each layer being younger than the one beneath it and older than the one above it.

ROCK LAYERS

- Law of Superposition → younger rocks are on top, older rocks are on bottom



Principle of Superposition



Number the events below in the order they occurred in time, 1-9.

- _____ earthquake
- _____ deposit D
- _____ deposit B
- _____ deposit G
- _____ intrusive lava
- _____ rocky deposit R
- _____ river cuts through
- _____ deposit E
- _____ deposit A