



Ancient Life: Lesson 1

State of Nebraska

What is the oldest dated rock layer in Nebraska?

- Layers from the Proterozoic time period which date back to 2.5 billion years ago.
- These layers came from drilling cores and bringing them back to the surface and...

Oldest dated rock layer...

- ...from rocks that have been exposed on the subsurface.
- Most of the layers of rock in Nebraska come from the Phanerozoic eon.
 - Interesting fact: as we go west the rock layers get younger...any predictions why?



Let's talk about layers

- Layers of rock come from where?
- Superposition (define below)
 - Demonstration

Recap Time

- What are the four eons of Geologic time?
- Approximately, how old is the oldest layer of rock in Nebraska?
- Layers came from where?
- What is superposition?