

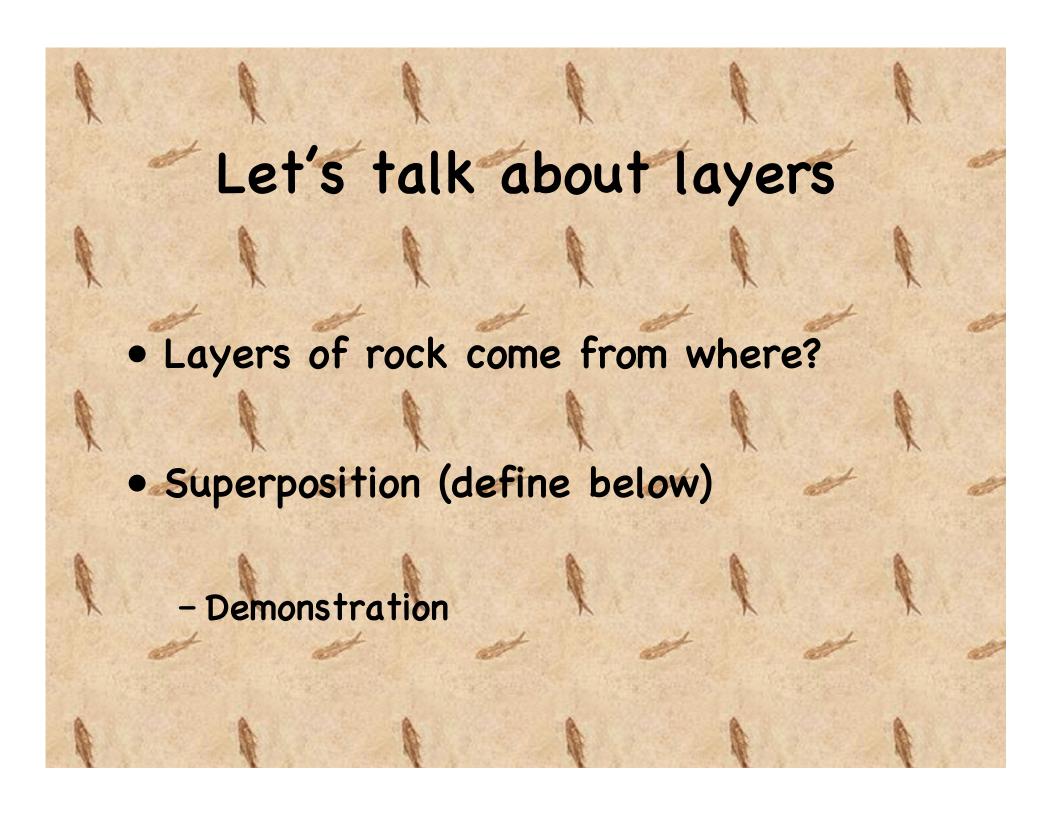
## What is the oldest dated rock layer in Nebraska?

 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?





- 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?