

Geol 307: Home work

Pat A. Each student will present in class a project that they have been assigned to work on. Potential projects include the following.

1. Wells Creek Impact structure
2. Reelfoot Lake, Earthquakes of west Tennessee
3. Nashville Dome
4. Earthquakes of East Tennessee
5. Discovering Chattanooga, large poster reduced to "bulleted document".
6. Coves of the Great Smoky Mountains.
7. Caves in Tennessee, with emphasis on those found in the Chattanooga vicinity
8. The Ducktown basin
9. Selected economic deposits of Tennessee
10. Problems in the age of rocks of western Blue Ridge.

Report should include

a) Important Figures:

1. Stratigraphic log showing pertinent strata.
2. Topographic map showing clearly the location of selected sites.
- 3 Photographs and sketches to clarify issues.

b) The reports should provide answers to the following questions?

1. Where exactly is the project site (Geographically) located
2. What exactly is the geologic setting in which the subject of the project was formed?
3. Why should any one be interested (impact) in knowing about the project?
4. Which particular aspects of the project should be examined by future participants.

Part B. Each student will provide a shortened (bulleted Version of Discovering Poster by HGC

Part C. Each student will provide a poster on the geology of west Tennessee: