Homework for Week 4 Due Wednesday at the start of class
A. A one page summary document of your findings for Iowa’s Digital Geologic Resources, a good place to start will be the Iowa Geological Survey [https://www.iihr.uiowa.edu/igs/](https://www.iihr.uiowa.edu/igs/). There are four resources I hope you find and state then state
1. Its source or web link
2. The main theme or data content of the source
3. The application of data, who could you use the data in our class?
B. A summary of the article that I attached in an email during week two. Evidence for a concealed Midcontinent Rift related northeast Iowa intrusive complex by Ben Drenth and others.

Outline for Exam 1 – Geologic Field Methods
When Friday Sept. 11, 2020, Material will come from notes, handouts, labs, and textbook readings (there will be questions from the textbook)
Always bring your field book, compass and GIS unit to class.

Format –
Multiple choice, short answer and applied skill development

What to know
Week 1 – General background, philosophy and applications of Field Geology.
Week 2 – Basic tools and procedures of field geology
   a. The essential tools correct
   b. The tools correct/best tool for a particular task
   c. Part names for Silva Ranger
   d. strike vs dip
   e. structural geology review
Week 3 – Field books, sketches and notes
   a. Types, good characteristics / writing utensils
   b. Proper set up , arrangement
   b. Parts of a sketch
   c. Being prepared and Basic safety
   d. Field ethics
Week 4 – Photography and sampling
   a. Camera types, resolution, importance
   b. Aspects of taking geologic/environmental photos
   c. Different sample types
   d. Regional vs Resolution
   e. labelling and packaging