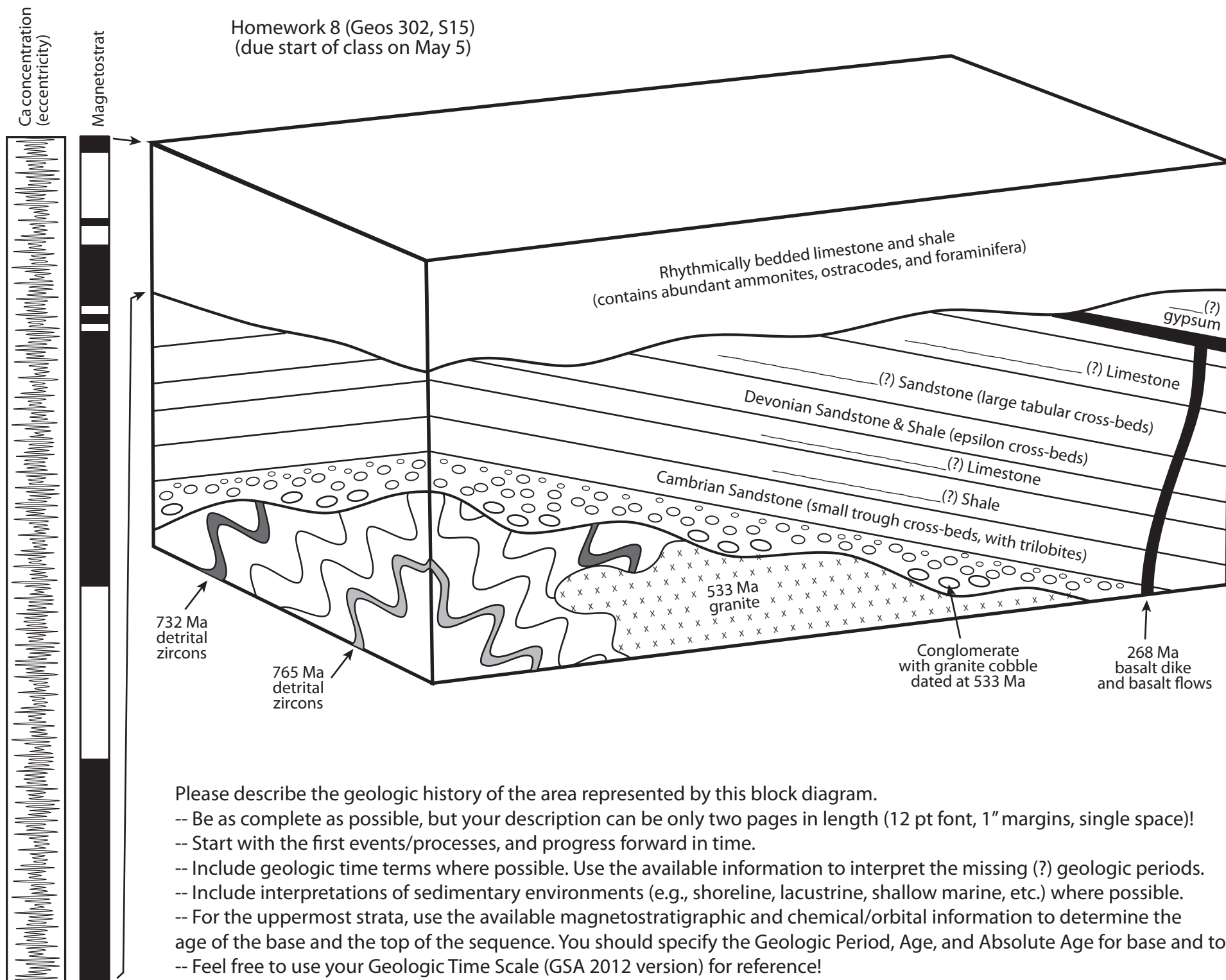


Homework 8 (Geos 302, S15)
(due start of class on May 5)



Please describe the geologic history of the area represented by this block diagram.

- Be as complete as possible, but your description can be only two pages in length (12 pt font, 1" margins, single space)!
- Start with the first events/processes, and progress forward in time.
- Include geologic time terms where possible. Use the available information to interpret the missing (?) geologic periods.
- Include interpretations of sedimentary environments (e.g., shoreline, lacustrine, shallow marine, etc.) where possible.
- For the uppermost strata, use the available magnetostratigraphic and chemical/orbital information to determine the age of the base and the top of the sequence. You should specify the Geologic Period, Age, and Absolute Age for base and top.
- Feel free to use your Geologic Time Scale (GSA 2012 version) for reference!