

#15 Saqqara Pyramid, El Giza Done

GOAL:

The purpose of this homework is to give you some geological knowledge about the place from which your sediment sample from Lab #1 comes.

ASSIGNMENT:

You now know the location from which your sediment sample was collected. Go some research to learn about this place. Write a 1-2 page description about the sedimentology and geology of this place and how it might relate to the observations you wrote about your sediment sample.

Use the following questions as guidelines:

- What is the environment and location for your sediment sample?
- Is there anything interesting about the sedimentology or geology or environmental conditions here?
- What processes may have helped to produce that sediment?
- Is there a relationship between the sediment composition and the local or regional geology?
- Do you think there is a relationship between climate and/or weather and the sediment?
- Do you think that your sediment was influenced by the life in that location?
- Does the sediment description you made in lab seem realistic for the location?
- Where was President Gee and why was there sediment in his suitcase?

Here are some other guidelines:

- Your essay should be typed and single-spaced. Use 12-point font.
- 1-2 pages in length
- Cite any sources you use; use the GSA style (see attached page or any Geology or GSA Bulletin manuscript). References should be in addition to the 1-2 pages of text.
- I suggest that you use both Google and Google Scholar to search for the location.
- Can you include photos? Sure, if you want. Those would be in addition to the 1-2 pages of text.
- Please submit it as a hard copy.
- Put your name and the date and "homework #1: *your location*" at the top of the first page.

This homework is due at the beginning of class on Wed. Jan. 23.

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Journal Article

Format:

LastName, Initial(s), Year, Article title: Journal Title, v. nn, p. nn-nn, doi:nn.nnnnnn.

Bibliography:

Leather, J., Allen, P.A., Brasier, M.D., Cozzi, A., 2002, Neoproterozoic snowball earth under scrutiny: Evidence from the Fiq glaciation of Oman: *Geology*, v. 30, p. 891-894, doi: 10.1130/0091-7613(2002)030<0891:NSEUSE>2.0.CO;2.

In Text Citation:

(Leather et al., 2012)

Book

Format:

LastName, Initial(s), Year, Book title, Place of Publication, Publisher, nnn p.

Bibliography:

Cachel, S, 2015, Fossil primates, Cambridge, Cambridge University Press, 299 p.

In Text Citation:

(Cachel, 2015)

Chapter in Book

Format:

LastName, Initial(s), Year, Chapter title, *in* LastName, Initial, eds., Book title: Place of Publication, Publisher, p. nnn-nnn.

Bibliography:

Bice, K.L., Barmen, E.J., and Peters, W.H., 1998, Realistic early Eocene paleobathymetry, *in* Crow, T., and Burkner, K., eds., Boundary conditions for climate reconstruction: New York, Oxford University, p. 227-247.

In Text Citation:

(Bice et al., 1998)

for more than 2 authors

within text, use (Smith, 2005; Jackson et al., 1995) etc.

in references list