

Name _____

**GLG 110 - Homework #4
VOLCANOES – 10 pts.**

VOLCANOES OF ARIZONA – 5 points: Search the web for information about volcanism in Arizona. You might want to start at the USGS cite: http://vulcan.wr.usgs.gov/Volcanoes/Arizona/description_arizona_volcanoes.html . Find out about Sunset Crater, the San Francisco Volcanic Field, and volcanism in the Grand Canyon. Describe these volcanic landforms, how and when they formed, their affect on the area, and the type of rock they are composed of. Summarize your findings in a typed, double-spaced, ½ page paper.

HISTORICAL ERUPTION – 5 points: Choose a historic volcanic eruption that is interesting you. You may use information from the following web cites: www.geology.sdsu.edu/how_volcanoes_work/ <http://pubs.usgs.gov/gip/volc/types.html>. or find a volcanic eruption through your own web search. Type a summary of the eruptive history of the volcano or focus on a specific event in the volcano’s history. Your summary should be typed, double-spaced and not more than ½ page in length. Include interesting facts about the volcano such as rock type, cone type and any unusual circumstances. Your summary should not include personal commentary. Tell only about the event, history, etc. Be sure to tell where the volcano you chose is located. Attach this paper to the top of your report.

Rubric

ARIZONA VOLCANOES: 5 total

Overall grammar, spelling, no typographical errors – 2
Description of Sunset Crater -1
Description of San Francisco Volcanic Field - 1
Description of Grand Canyon Volcanism – 1

HISTORIC ERUPTIONS: 5 total

Overall grammar, spelling, no typographical errors – 1
Volcano identified and location in world – 1
Summary with facts included – 3

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