

Prelab Exercise
September 25, 2019
Laboratory 5 – Igneous Rocks
(to be done **before lab!**...refer to lab schedule)

Instructor	Arthur Reed	Name	_____
Class	Geology 301, Physical Geology Lab	Date	_____
Time	MW 7:30pm – 8:50pm	Point value	5 pts

Answer the following question(s) **and turn-in at the beginning of lab.**

1. Very briefly, what is intrusive igneous rock and extrusive igneous rock?
2. What is the origin of the words ‘felsic’ and ‘mafic’? (i.e. the origin of **fel-**, **-sic**, **ma-**, and **-fic**)
3. Andesite and diorite have the same composition. Which is intrusive and which is extrusive?
4. Granite and rhyolite have the same composition. Which is intrusive and which is extrusive?
5. Basalt and gabbro have the same composition. Which is intrusive and which is extrusive?