Objective: With this lab, you will identify the dominant textures and minerals contained in 6 distinct types of igneous rock. Referring to the “Glossary of Textural Terms for Igneous Rocks” handout from Lab 2A, complete an Igneous Petrographic Form for each thin section and hand sample.

The samples and the general rock type of each are:

**Tray 1 – Volcanic Rocks**
- KV-12 – Rhyolite
- TIW-55 – Andesite

For these volcanic samples, pay special attention to the sequence of crystallization (paragenetic sequence) implied by the relative mineral textures observed in these rocks.

**Tray 2 – Intrusive Rocks**
- RS-AK – Felsic
- GA-2 (52-13-HS) – Mafic
- 1429, 1435 – Ultramafic

For these intrusive rocks, interpret a paragenetic sequence for the minerals in all three rock types and a cumulate code for the mafic and ultramafic rock types. Also, based on your estimated modal abundances, plot the proportions of essential minerals on the appropriate classification diagrams below and give the proper modal rock name in your Summary Rock Description.