Igneous Rocks

- Pegmatitic or Phaneritic
  - Mostly Feldspar Minerals
    - Mostly K-spar
      - No quartz
        - Quartz
        - Granite
        - Syenite
    - Mostly Plagioclase
  - Mostly Mafic Minerals
    - 45-85% Mafic
    - 85-100% Mafic
      - Mafic
        - lots of vesicles
      - Intermediate or Felsic; lots of vesicles

- Aphanitic and/or Vesicular
  - Felsic; pink, white, or light brown
  - Intermediate; green to gray
  - Mafic; dark gray to black
  - Mafic; lots of vesicles
  - Intermediate or Felsic; lots of vesicles

- Glassy
  - Fragments < 2mm
  - Obsidian
  - Volcanic Tuff

- Pyroclastic
  - Fragments > 2 mm
  - Volcanic Breccia

Adapted from Richard M. Busch Editor; AGI/NAGT Laboratory Manual In Physical Geology