




Mafic  
- Runny  
- Dark Rocks.






Felsic - Explosive  
- Light Color Rocks.

Igneous Rock Vocab!

Composition

- Felsic 
- Intermediate  50/50
- Mafic 
- Ultramafic

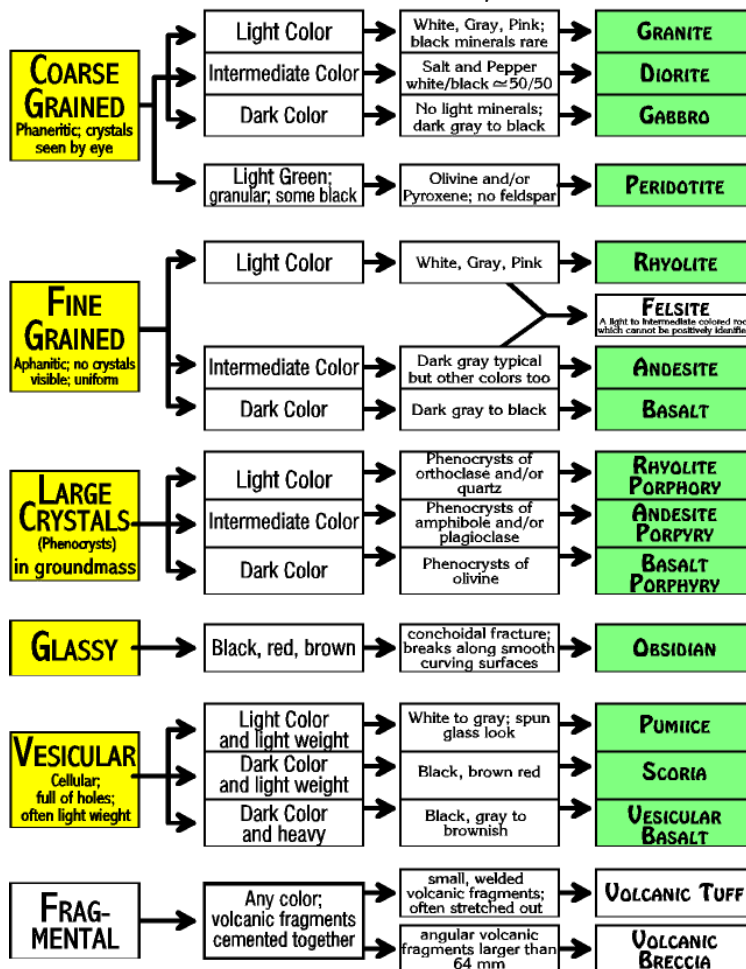
Texture

-  Pegmatitic = Big Crystals
-  Phaneritic = visible Crystals
-  Aphanitic = No Crystals
- Porphyritic = phaneritic & Aphanitic
- Glassy = glassy .... duh
- Vesicular = Air Pockets, Holes
- Pyroclastic = Bunch of Volcanic Crud Together.

### Color/Texture Identification Key for Igneous Rocks

- Bowen's Reaction Series
- Percent Abundance Chart
- Composition Texture Key
- Igneous Home Page

*Shaded boxes can be clicked to see a picture.*



Scheme for Igneous Rock Identification

ENVIRONMENT OF FORMATION						GRAIN SIZE	TEXTURE	
EXTRUSIVE (Volcanic)		Obsidian (usually appears black)		Basaltic Glass		Non-crystalline	Glassy	Non-vesicular
		Pumice		Vesicular Basaltic Glass			less than 1 mm	Fine
		Vesicular Rhyolite	Vesicular Andesite	Scoria / Vesicular Basalt				
INTRUSIVE (Plutonic)		Rhyolite	Andesite	Basalt		1 mm to 10 mm	Coarse	Non-vesicular
		Granite	Diorite	Gabbro				
		Pegmatite				10 mm or larger	Very Coarse	

