

Mafic	Felsic
ma - magnesium, fic - iron thinner (low viscosity) low silica content (basaltic) high in ferromagnesian hotter denser (heavier $\rightarrow$ Fe, Mg) darker coloured rocks smooth flowing eruptions (gas bubbles escape)	Fel - feldspar, sic - silica thicker (high viscosity) high silica content (silicic, rhyolitic, granitic) low in ferromagnesian cooler less dense lighter coloured rocks explosive eruptions (gases are trapped in magma)
Volcano types: - shield  - lava plateau - flood basalt - cinder cones $\rightarrow$ water mixed in causes explosiveness	Volcano types: - composite cone (stratovolcano) - volcanic domes (like toothpaste oozing out) - cinder cones
features: - pillow lava - pahoehoe + aa $\nwarrow$ cooled a bit - columnar joints	