

Extrusive (volcanic)

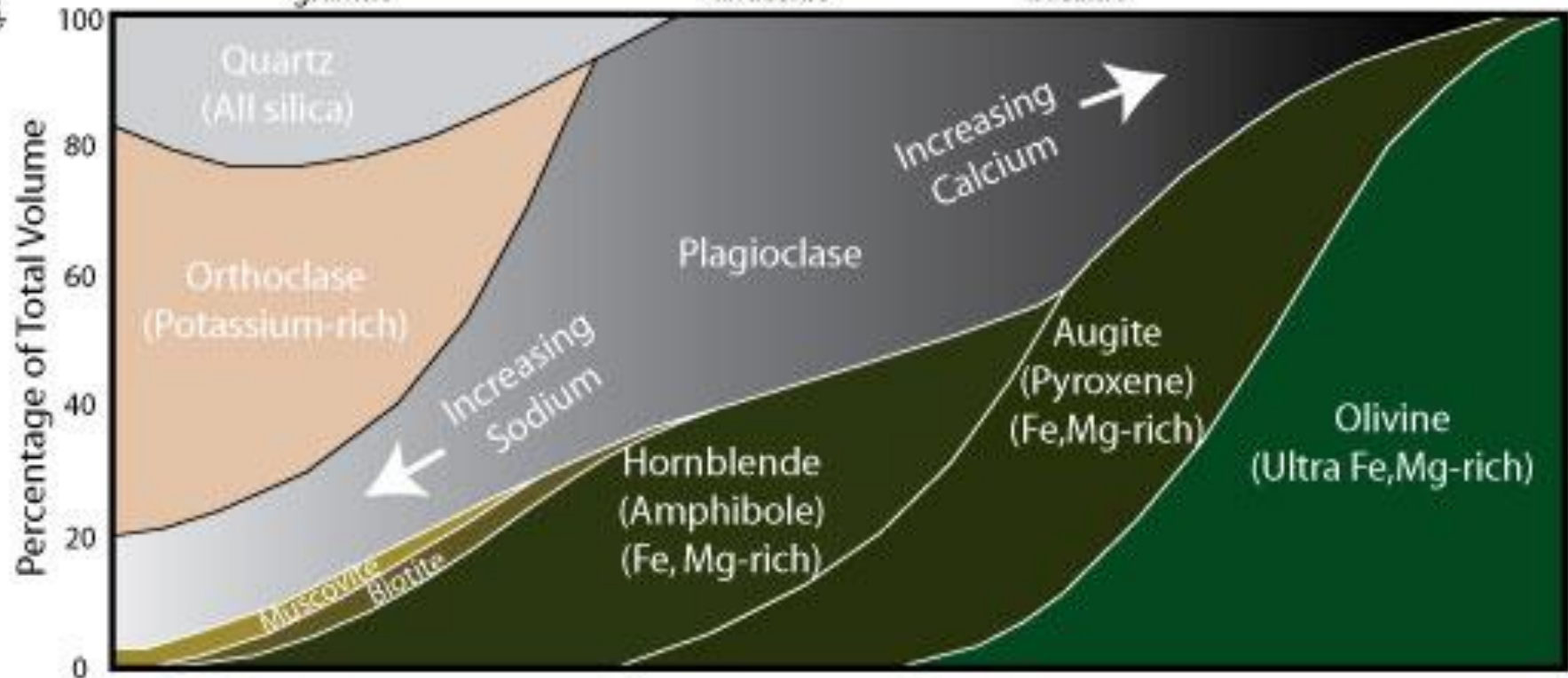
Intrusive (plutonic)

FELSIC	INTERMEDIATE	MAFIC	ULTRAMAFIC
Rhyolite	Andesite	Basalt	Komatiite
Granite	Diorite	Gabbro	Peridotite

"granitic"

"andesitic"

"basaltic"



Important Trends

lighter in color
 more silica (up to 75% of total)
 more viscous magma
 lower melting point (starts at about 200 C)

grayish in color

darker in color
 less silica (down to 40% of total)
 less viscous (more fluid) magma
 higher melting point (starts at about 1200 C)