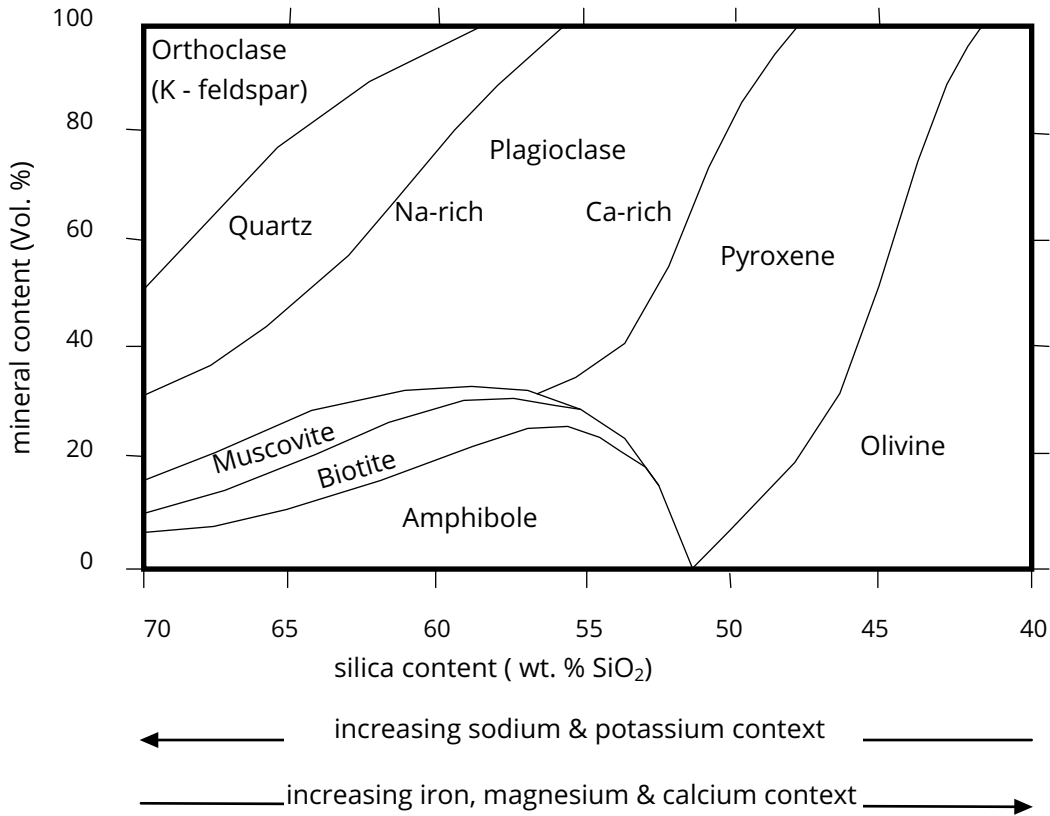


A classification of igneous rocks based on grain size & mineralogy



Rock type	Felsic	Intermediate		Mafic	Ultramafic
Coarse >2mm	Granite	Granodiorite	Diorite	Gabbro	Peridotite
Medium 0.25 - 2mm	Microgranite	Micro-granodiorite	Microdiorite	Dolerite (Microgabbro)	
Fine < 0.25mm	Rhyolite	Dacite	Andesite	Basalt	
Glassy	Obsidian				

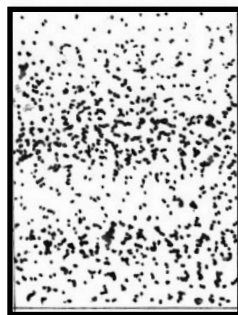
Types of layering in igneous rocks



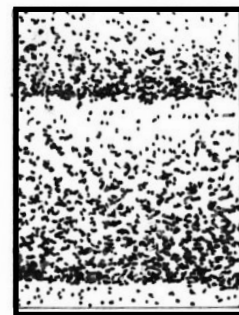
Discordant, cross-cutting



Modal with sharp contacts



Diffuse modal with gradational contacts



Modally graded