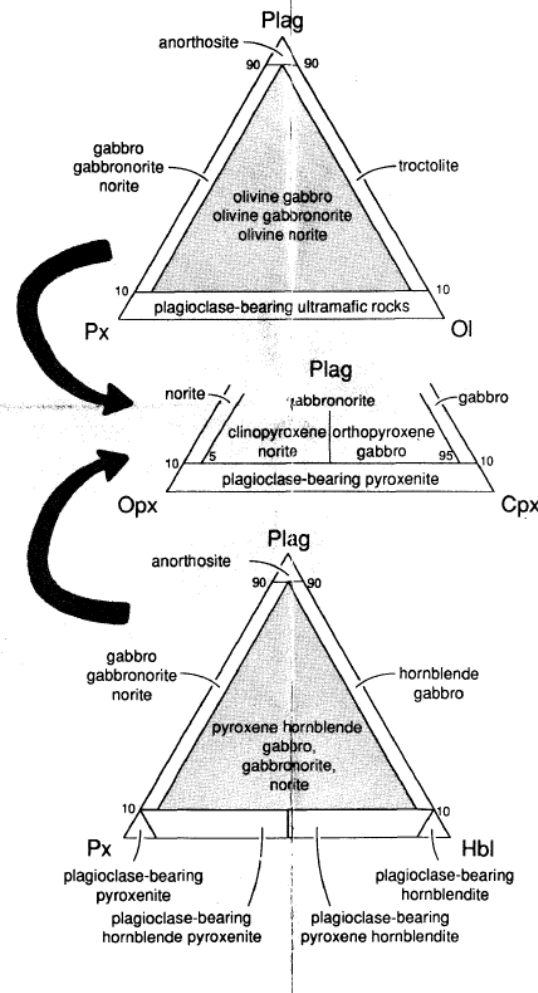
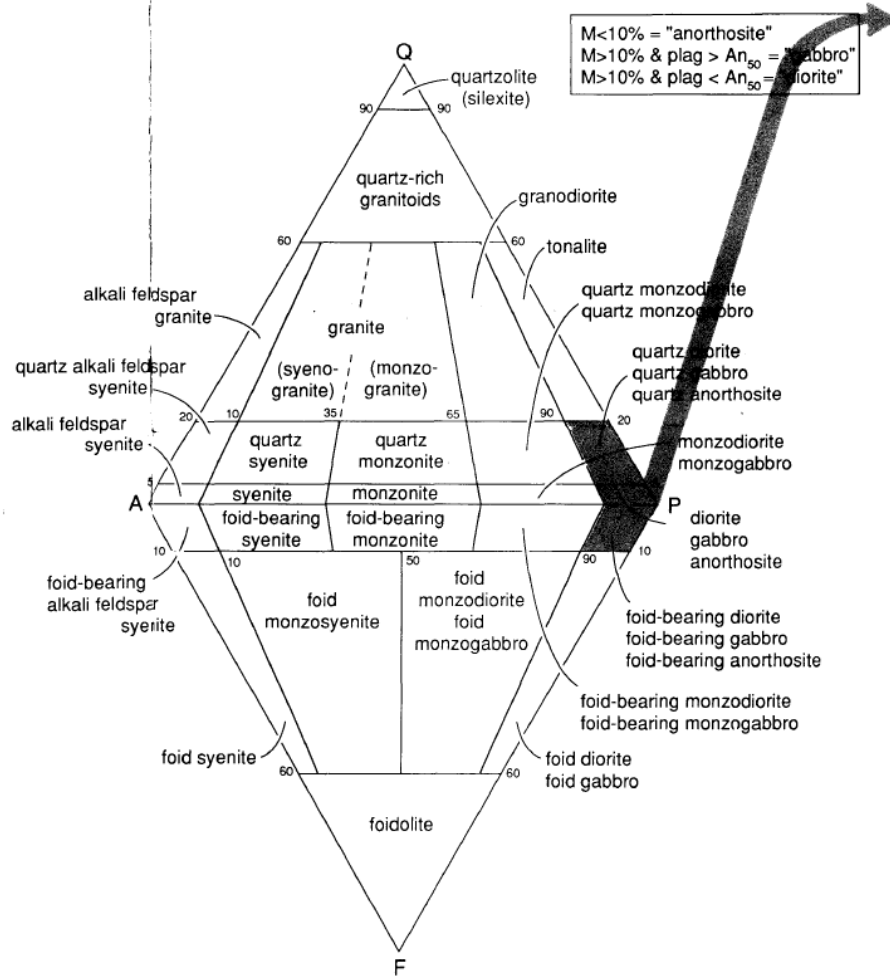


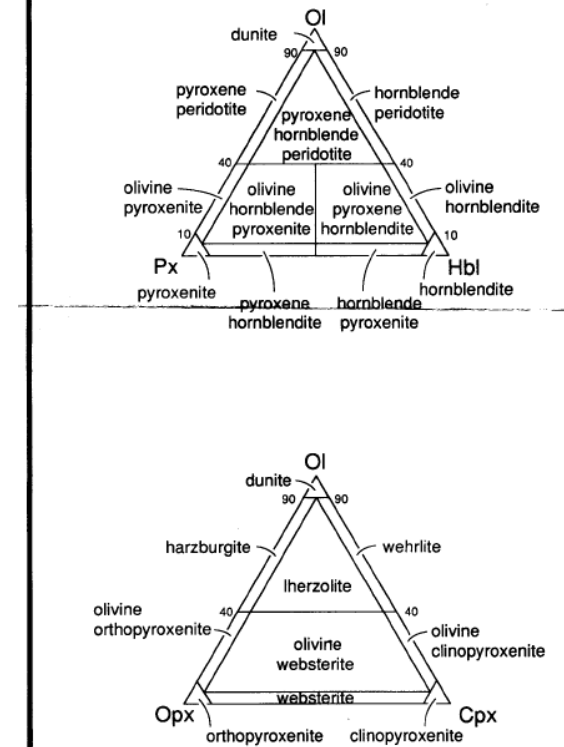
Clasificación MODAL Rocas Ígneas PLUTÓNICAS

Le Maitre, R.W. (Editor) (1989). *A Classification of Igneous Rocks. Recommendation of the IUGS Subcommission on the Systematics of Igneous Rocks*. Blackwell Sci. Pub. LTD. Oxford. UK.

QAPF – M<90% (B.10.1)

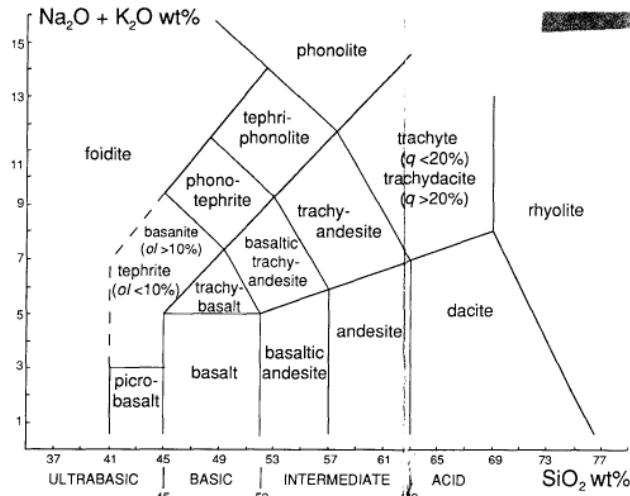
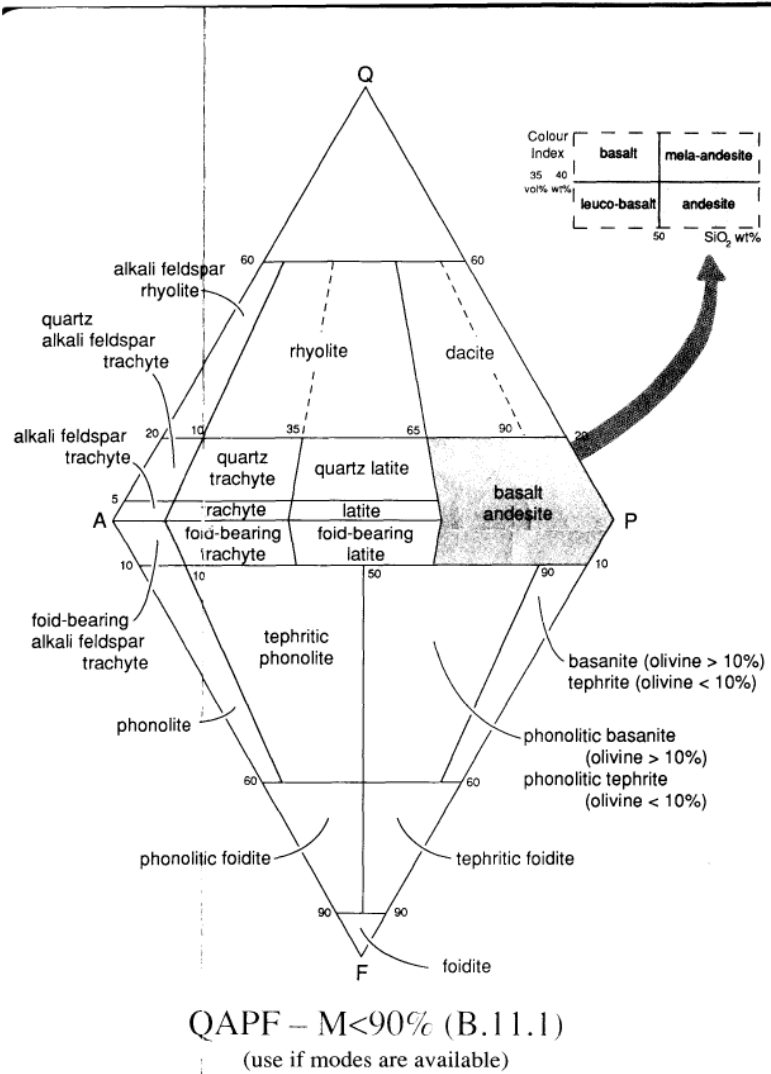


Ultramafic Rocks – M>90% (B.10.2)

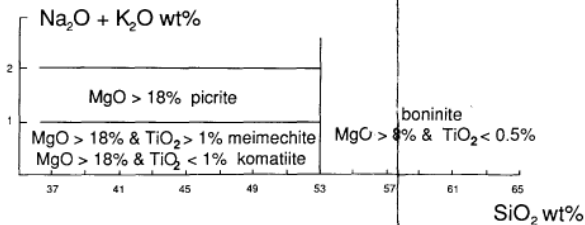


Clasificación MODAL / QUÍMICA Rocas Ígneas VOLCÁNICAS

Le Maitre, R.W. (Editor) (1989). *A Classification of Igneous Rocks. Recommendation of the IUGS Subcommittee on the Systematics of Igneous Rocks*. Blackwell Sci. Pub. LTD. Oxford. UK.



(ii) TAS



(i) "high-Mg" rocks (to be excluded before using TAS)

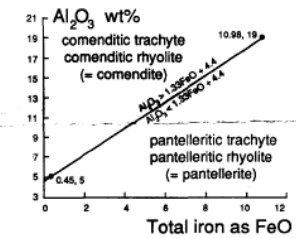
TAS (B.11.2)

(only use if no modes are available)

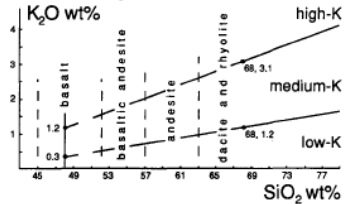
(a) trachybasalt, basaltic trachyandesite & trachyandesite

	trachybasalt	basaltic trachyandesite	trachyandesite
Na ₂ O - 2.0 ≥ K ₂ O	hawaiite	mugearite	benmoreite
Na ₂ O - 2.0 ≤ K ₂ O	potassic trachybasalt	shoshonite	latite

(b) rhyolite & trachyte



(c) basalt, basaltic andesite, andesite, dacite & rhyolite



Clasificaciones Rocas Ígneas

Le Maitre, R.W. (Editor) (1989). *A Classification of Igneous Rocks. Recommendation of the IUGS Subcommittee on the Systematics of Igneous Rocks*. Blackwell Sci. Pub. LTD. Oxford. UK.

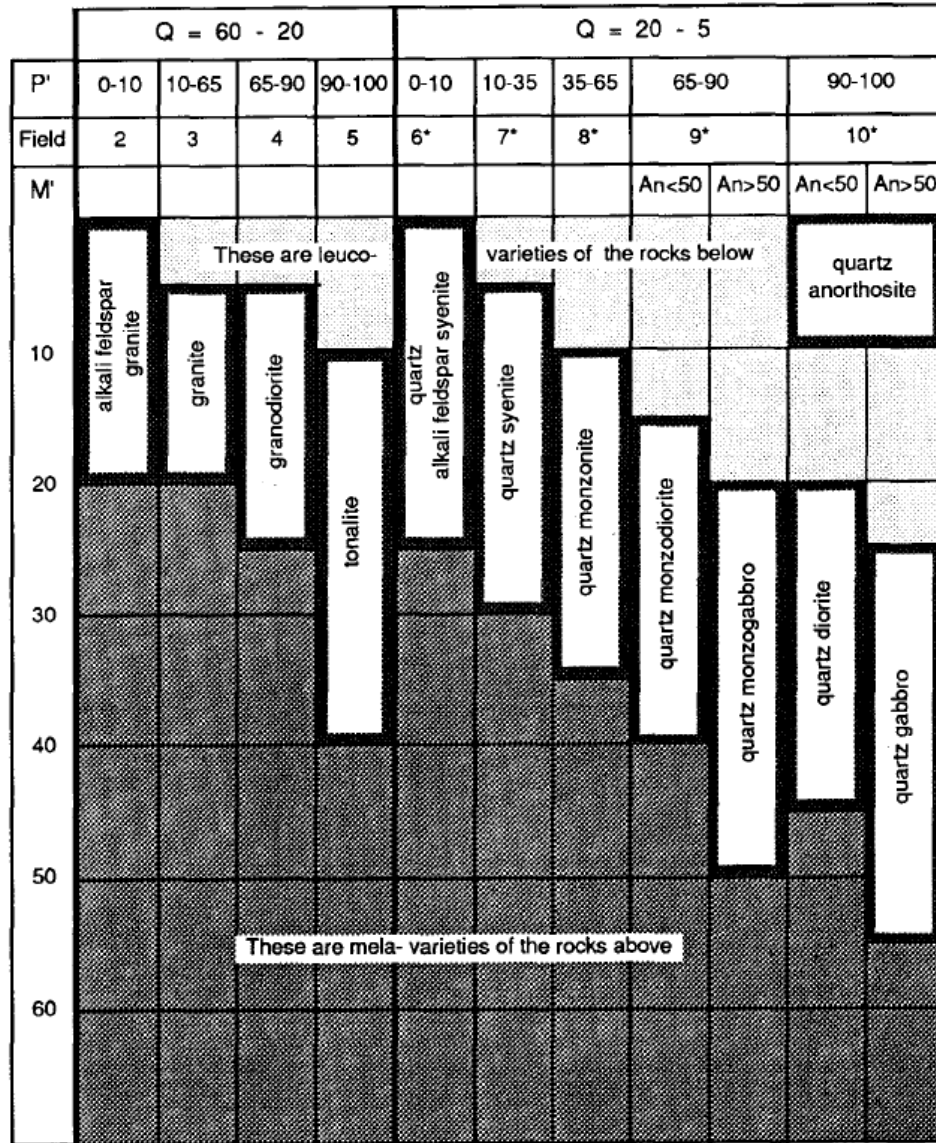


Fig. B.7a. Limits of the use of the terms mela- and leuco- applicable to plutonic rocks classified by the QAPF diagram and with Q greater than 5% (after Streckeisen, 1976, Fig. 5). Abbreviations:- P' = 100*P/(A+P); M' = colour index; An = anorthite content of plagioclase.

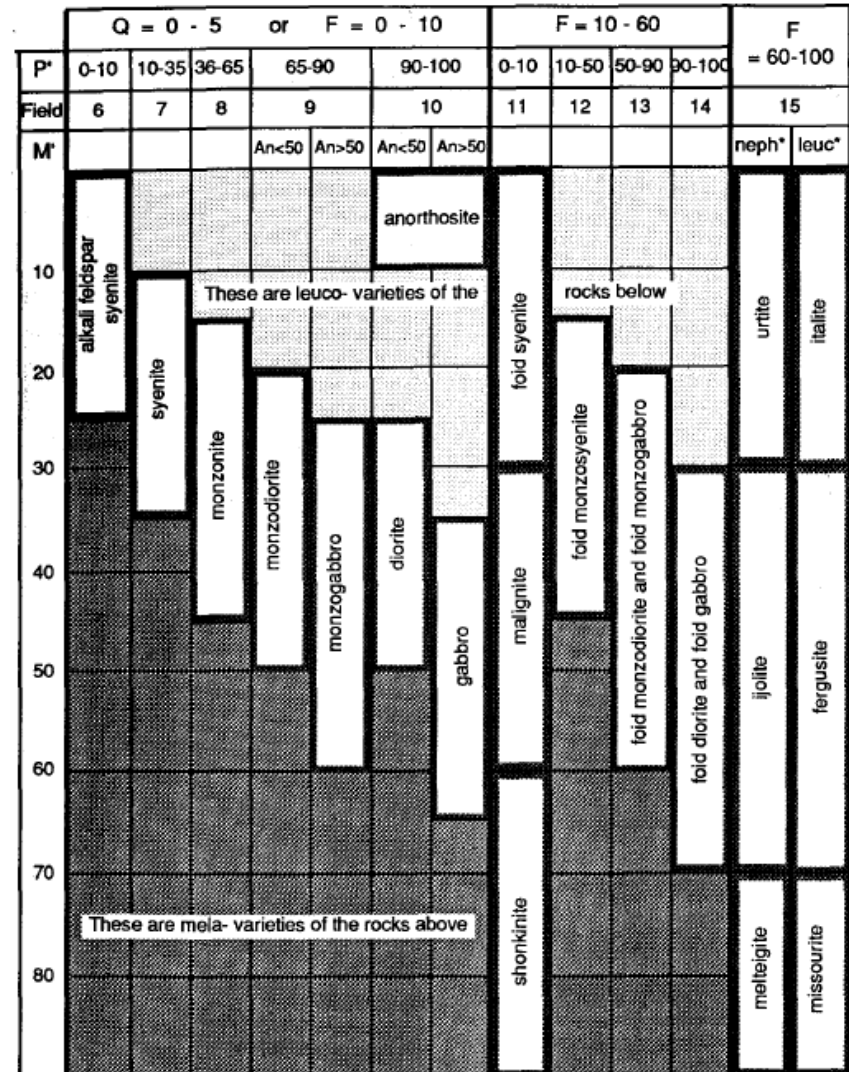


Fig. B.7b. Limits of the use of the terms mela- and leuco- and some special names applicable to plutonic rocks classified by the QAPF diagram and with Q less than 5% or F present (after Streckeisen, 1976, Fig. 5). Abbreviations:- P' = 100*P/(A+P); M' = colour index; An = anorthite content of plagioclase; neph* = nepheline is the predominant fooid; leuc* = leucite is the predominant fooid.

Clasificaciones Rocas Ígneas

Le Maitre, R.W. (Editor) (1989). *A Classification of Igneous Rocks. Recommendation of the IUGS Subcommittee on the Systematics of Igneous Rocks*. Blackwell Sci. Pub. LTD. Oxford. UK.

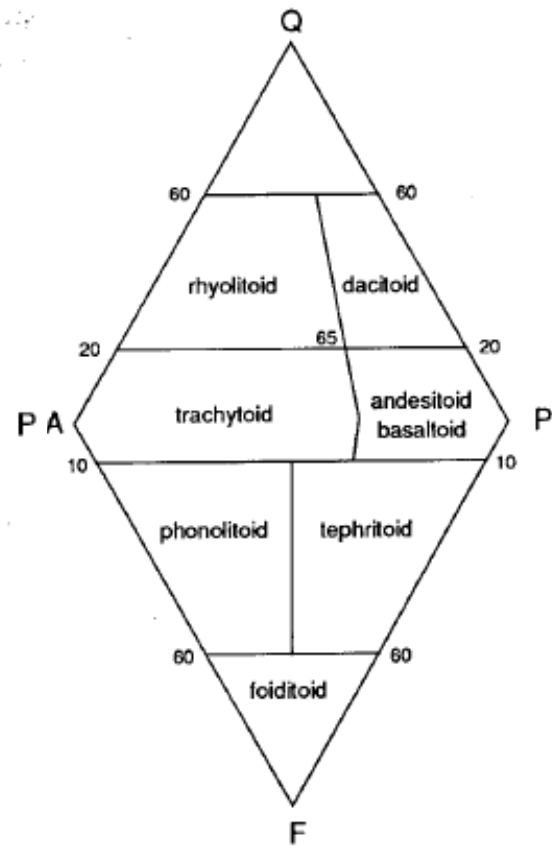
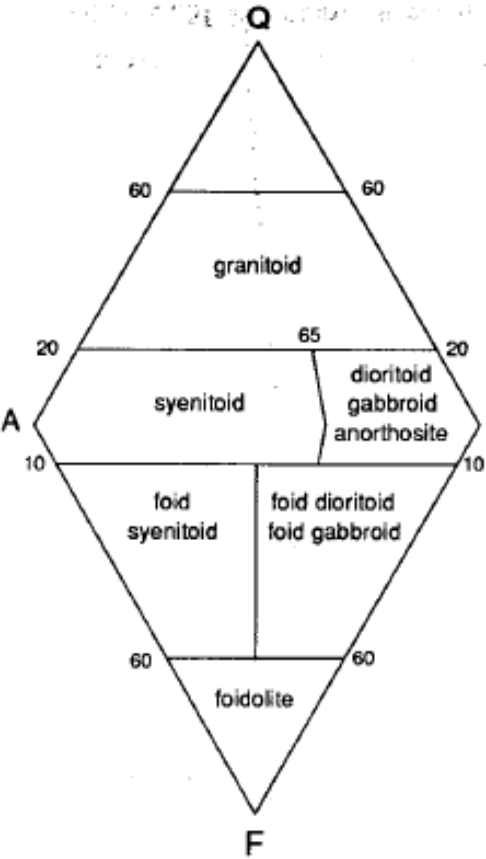


Table B.1. Classification and nomenclature of pyroclasts and well-sorted pyroclastic deposits based on clast size (after Schmid, 1981, Table 1).

Clast size in mm.	Pyroclast	Pyroclastic deposit	
		Mainly unconsolidated: tephra	Mainly consolidated: pyroclastic rock
64	bomb, block	agglomerate bed of blocks or bomb, block tephra	agglomerate pyroclastic breccia
	lapillus	layer, bed of lapilli or lapilli tephra	lapilli tuff
2	coarse ash grain	coarse ash	coarse (ash) tuff
1/16	fine ash grain (dust grain)	fine ash (dust)	fine (ash) tuff (dust tuff)

