

Point count parameters and calculated parameters used for each discriminant analysis model.

Parameters	Family level	Granitic-Metamorphic generic level	Granitic, rich in microcline	Granitic, rich in heavy minerals	Volcanic generic level	Volcanic, rich in feldspars	Volcanics only, generic level	Tucson Mts east	Tucson Mts north and west
			A,G,K,O,P	B,E1,E2,E3,S		Bv,I	J1, J2, J3	L, M, Mw	
TQtz (Qm)	X	X	X	X	X	X	X	X	X
TKspar	X	-	X	-	-	-	-	X	-
Micr	X	X	X	-	-	-	-	X	-
K	-	-	-	X	-	X	-	-	X
TPlag	-	-	X	X	-	X	X	X	X
TMusc	X	-	X	X	-	-	-	-	-
TBiotchlor	X	-	X	X	X	-	X	-	-
Mica	-	-	-	-	-	X	-	X	-
Pyr	X	-	-	-	-	-	-	-	-
Plagpyr	-	X	-	-	-	-	-	-	-
TOpaq	X	-	X	-	X	-	-	X	-
Pyrepid	-	-	-	-	-	-	-	X	-
PyrOpaq	-	-	-	X	-	-	-	-	-
Epid	X	X	X	X	-	-	-	-	-
Hmin	-	-	-	-	-	X	-	-	-
Lma2	-	-	-	-	-	X	-	-	-
Lmatp	X	-	-	X	-	-	-	-	-
Lmmftp	-	-	-	-	-	X	-	-	-
Lmmf	-	-	-	X	-	-	X	-	-
Lm	-	-	X	-	X	-	-	-	-
Lm_Musc	-	X	-	-	-	-	-	-	-
Lvf2	-	-	X	-	-	X	-	-	X
Lvm2	-	-	-	-	-	X	-	-	X
Lvmf2	-	-	-	-	-	-	-	X	-
Lvv	-	-	-	-	-	-	-	X	-
Lvh	-	-	-	-	-	-	X	X	-
Lv	X	X	-	-	X	-	-	-	-
Ls	-	-	-	-	X	X	-	-	X
Lsclas	-	-	-	-	-	-	X	X	-
Lscaco	-	-	-	-	-	-	X	-	-