

Explanatory Notes for GDM Plots

Section	Column	Description	Colour or Symbol	Parameter
Lithology	RTQ	Rock Type Qualifiers		
Alteration	2He etc.	1,2 & 3 prefix refers to weak, moderate & strong		
	Histogram	Refers to % of Interval affected by alteration		
Structure	Li, He etc	Unilog codes for limonite & hematite fractures		
	symbols	angle to core axis plotted as histograms	Red dots	moderate intensity
			Black dots	strong intensity
			line segments	weak intensity
Geochemistry	LREE	Light Rare Earth Elements	Red	Ce
			Light green	Eu
			Yellow	La
			Blue	Nd
			Grey	Pr
			Blue green	Sm
	HREE	Heavy Rare Earth Elements	Green	Gd
			Cyan	Tb
			Red	Dy
			Purple	Ho
			Blue	Er
			Fushia	Tm
PIMA TSG	TSA	Classification by TSA	Yellow	Illite,Muscovite,Paragonite,Phengite
			Green	Mg-, Intermediate and Fe-Chlorite
			Blue	Kaolinite
			Fushia	Dickite
			Grey	Halloysite
	Chlorite Gp	Classification by TSA	Light green	Intermediate Chlorite
			Green	Magnesium Chlorite
			Black	Fe-Chlorite
	Sericite Gp	Classification by TSA	Yellow	Illite
			Green	Phengite
			Blue	Paragonite
			Red	Muscovite
	TSA Error	Quality of spectras; high numbers >300 are generally poor		
	Major TSA	Classification by TSA	Black	Biotite
			Silver	Gypsum
			Red	Phlogopite 1
			Yellow	Phlogopite 2
			Light blue	Opal
			Fushia	Nacrite
			Blue	Calcite
			Green	Dolomite
			Brown	Montmorillonite
	Exotic Gp	Classification by TSA	Light green	Epidote
			Green	Actinolite
			Fushia	Pyrophyllite
			Blue-green	Serpentine
			Silver	Talc
			Grey	Tremolite
			Blue	Nontronite
PIMA MINSPEC	MINSPEC	Classification by Minspec	Yellow	Illite
			Light green	Chlorite
			Fushia	Dickite
			Blue	Kaolinite
			Grey	Halloysite
	S2N	Signal to noise ratio; number below 5 is generally poor		