

GRADE OF METAMORPHISM

GRADE---measure of the intensity of the agents of metamorphism. Grade is determined by the presence of **INDEX MINERALS**.

INDEX MINERAL---minerals which form under a particular set of physical conditions (temperature and pressure).

GRADE	INDEX MINERAL
High grade	sillimanite
	kyanite
Medium grade	staurolite
	garnet
Low grade	biotite
	chlorite
Unmetamorphosed pre-existing rock (protolith)	
