

SYMBOLS FOR ROCK- AND ORE-FORMING MINERALS

Act	actinolite	Brr	barrerite	Ccp	chalcopyrite	Eas	eastonite
Ae	aegirine	Brs	barroisite	Chm	chamosite	Eck	eckermannite
Aik	aikinite	Blt	barylite	Chl	chlorite*	Ed	edenite
Ak	åkermanite	Bsl	barysilite	Cld	chloritoid	Elb	elbaite
Ab	albite	Bnj	benjaminite	Chn	chondrodite	En	enstatite
All	allactite	Ber	berryite	Csl	chrisstanleyite	Ep	epidote
Aln	allanite	Bet	betafite	Chr	chromite	Ess	esseneite
Alm	almandine	Brl	beryl	Ccl	chrysocolla	Fa	fayalite
Amp	amphibole*	Bry	beryllonite	Ctl	chrysotile	Fac	ferro-actinolite
Anl	analcime	Beu	beusite	Chu	clinohumite	Fcl	ferrocolumbite
Ant	anatase	Bt	biotite*	Cpt	clinoptilolite	Fed	ferro-edenite
And	andalusite	Bmt	bismuthinite	Cpx	clinopyroxene*	Fs	ferrosilite
Adr	andradite	Bhm	böhmite	Czo	clinozoisite	Ftn	ferrotantalite
Anh	anhydrite	Bor	boralsilite	Cbt	cobaltite	Fts	ferrotschermakite
Ank	ankerite	Bn	bornite	Coe	coesite	Fer	feruvite
Ann	annite	Bnn	bourmonite	Cpr	cooperite	Fl	fluorite
An	anorthite	Brg	braggite	Crd	cordierite	Foi	foitite
Atg	antigorite	Brk	brookite	Crr	corrensite	Fo	forsterite
Ath	anthophyllite	Brc	brucite	Crn	corundum	Frd	friedrichite
Ap	apatite*	Bst	bustamite	Cv	covellite	Gn	galena
Apo	apophyllite	Cal	calcite	Crs	crystalite	Grt	garnet*
Arg	aragonite	Ccn	cancrinite	Cum	cumingtonite	Ged	gedrite
Arf	arfvedsonite	Car	caryopilite	Dsp	diaspore	Gh	gehlenite
Arm	armangite	Cst	cassiterite	Dg	digenite	Gdf	gersdorffite
Apy	arsenopyrite	Cel	celadonite	Di	diopside	Gbs	gibbsite
Asp	aspidolite	Cls	celestite	Dol	dolomite	Gir	giraudite
Aug	augite	Cbz	chabazite	Drv	dravite	Gld	gladite
Brt	barite	Cc	chalcocite	Dum	dumortierite	Glt	glauconite*

Gln	glaucophane	Jrs	jarosite	Mgh	maghemite	Nas	nasinite
Gt	goethite	Jh	johannsenite	Mhb	magnesio- hornblende	Ntr	natrolite
Gft	graftonite	Jsv	johnsomervilleite			Ne	nepheline
Gdd	grandidierite	Jnt	junoite	Mkt	magnesio- katophorite	Ney	neyite
Gr	graphite	Krs	kaersutite			Nc	nickeline
Gre	greenalite	Kls	kalsilite	Mrb	magnesioriebeckite	Nrb	norbergite
Grg	greigite	Kln	kaolinite	Mtm	magnesiotalamite	Nsn	nosean
Grs	grossular	Ktp	katophorite	Mgs	magnesite	Ol	olivine*
Gru	grunerite	Kfs	K-feldspar*	Mgt	magnetite	Omp	omphacite
Gp	gypsum	Kob	kobellite	Mcl	manganocolumbite	Or	orthoclase
Hak	hakite	Krn	kornepurine	Mtn	manganotantalite	Opx	orthopyroxene*
Hal	halite	Krp	krupkaite	Mrg	margarite	Osm	osumilite
Ham	hambergite	Kut	kutnohorite	Med	medaite	Pal	palygorskite
Hmr	hammarite	Ky	kyanite	Mel	melilite	Pg	paragonite
Hs	hastingsite	Ltk	laitakarite	Mnv	menshikovite	Prg	pargasite
Hyn	haiyue	Lan	lanarkite	Mrk	merenskyite	Prk	parkerite
Hx	heazlewoodite	Ltp	latrappite	Mer	merwinite	Pct	pectolite
Hd	hedenbergite	Lmt	laumontite	Mc	microcline	Pek	pekoite
Hdl	hedleyite	Lrt	laurite	Mic	microlite	Pn	pentlandite
Hlv	helvite	Lws	lawsonite	Min	minnesotaite	Per	periclase
Hem	hematite	Lzr	lazurite	Mlb	molybdenite	Prv	perovskite
Hc	hercynite	Lpd	lepidolite*	Mnz	monazite	Pet	petalite
Hrd	herderite	Lct	leucite	Mon	moncheite	Phk	phenakite
Hul	heulandite	Lnd	lindströmite	Mbs	montebrasite	Phg	phengite
Hbl	hornblende*	Lz	lizardite	Mtc	monticellite	Phl	phlogopite
Hu	humite	Lol	löllingite	Mnt	montmorillonite	Pgt	pigeonite
Ill	illite*	Ldn	londonite	Mor	mordenite	Pl	plagioclase
Ilm	ilmenite	Lop	loparite	Mmt	morimotoite	Pmc	plumbomicrolite
Ins	inesite	Lou	loughlinite	Mul	mullite	Pol	pollucite
Ixl	ixiolite	Lue	lueshite	Ms	muscovite	Prh	prehnite
Jd	jadeite	Mkw	mackinawite	Nad	nadorite	Prm	prismatine

Pmp	pumpellyite	Sp	sphalerite	Usp	ulvöspinel
Py	pyrite	Spl	spinel	Urn	uraninite
Pya	pyroaurite	Spd	spodumene	Umc	uranmicrolite
Pyc	pyrochroite	Spu	spurrite	Uv	uvarovite
Prp	pyrope	St	staurolite	Vrm	vermiculite
Pyf	pyrophanite	Stl	stellerite	Ves	vesuvianite
Prl	pyrophyllite	Stf	stibiobetafite	Vtm	viitaniemiite
Pxm	pyroxmangite	Stm	stibiomicrolite	Vsk	vysotskite
Po	pyrrhotite	Std	stibiopalladinite	Wai	wairakite
Qtz	quartz	Stb	stilbite	Wrd	werdingite
Rnk	rankinite	Stp	stilpnomelane	Wth	witherite
Rbk	riebeckite	Sti	stishovite	Wtc	wittichenite
Rdz	rhodizite	Str	strontianite	Wo	wollastonite
Rds	rhodochrosite	Tlc	talc	Wus	wüstite
Rdn	rhodonite	Tap	tapiolite	Xnt	xenotime
Rsm	rossmanite	Tsn	tausonite	Zrn	zircon
Rsb	rustenbergite	Tn	tennantite	Zo	zoisite
Rt	rutile	Tep	tephroite		
Sa	sanidine	Td	tetrahedrite		
Spr	sapphirine	Thm	thomsonite		
Sar	sarcopside	Thr	thorite		
Scp	scapolite*	Tmn	tiemannite		
Srl	schorl	Til	tilleyite		
Skn	sekaninaite	Ttn	titanite		
Sep	sepiolite	Toz	topaz		
Srp	serpentine*	Tur	tourmaline*		
Sd	siderite	Tr	tremolite		
Sil	sillimanite	Trd	tridymite		
Sm	smectite	Tph	triphylite		
Sdl	sodalite	Tro	troilite		
Sps	spessartine	Ts	tschermakite		

* Names shown with an asterisk refer to series of minerals, *i.e.*, they are not names of a single mineral species. This list is a compilation heavily inspired by the original listing of Kretz (1983); it incorporates selected symbols from the listing of Spear (1993), and includes symbols used by authors of papers published in *The Canadian Mineralogist*.

REFERENCES

KRETZ, R. (1983): Symbols for rock-forming minerals. *Am. Mineral.* **68**, 277-279.

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