

SYMBOLS FOR ROCK- AND ORE-FORMING MINERALS

Ac	acanthite	An	anorthite	Brh	berthierine	Cnt	carnotite
Act	actinolite	Anr	anorthoclase	Brl	beryl	Car	caryopilite
Ae	aegirine	Atg	antigorite	Brn	beryllonite	Cst	cassiterite
Aen	aenigmatite	Ath	anthophyllite	Brz	berzelianite	Cat	cattierite
Aes	aeschnite-(Y)	Ap	apatite*	Bet	betafite	Cel	celadonite
Aik	aikinite	Apo	apophyllite	Bdt	beudantite	Cls	celestine
Akg	akaganeite	Arg	aragonite	Beu	beusite	Cln	celsian
Ak	åkermanite	Arf	arfvedsonite	Bch	bicchulite	Css	cerussite
Ab	albite	Arm	armangite	Bt	biotite*	Cbz	chabazite
All	allactite	Ass	arsenosiderite	Bi	bismuth	Ccm	chalcoalumite
Aln	allanite	Acr	arsenocrandallite	Bmt	bismuthinite	Cc	chalcocite
Alo	alloclasite	Apy	arsenopyrite	Boh	bodanowiczite	Chp	chalcophyllite
Ald	alluaudite	Asp	aspidolite	Bhm	böhmite	Cp	chalcopyrite
Alm	almandine	Aug	augite	Bor	boralsilite	Chm	chamosite
Alt	altaite	Ast	aurostibite	Bn	bornite	Chv	chevkinite
Alu	alunogen	Azu	azurite	Bnn	bournonite	Cap	chlorapatite
Amb	amblygonite	Bdl	baddeleyite	Brb	brabantite	Chl	chlorite*
Ams	amesite	Bns	banalsite	Brg	braggite	Clf	chloritoid
Amp	amphibole*	Brt	barite	Bnt	braunite	Chn	chondrodite
Anl	analcime	Brr	barrerite	Brv	bravoite	Csl	chrisstanleyite
Ant	anatase	Brs	barroisite	Bro	brochantite	Chr	chromite
And	andalusite	Blt	barylite	Brk	brookite	Cb	chrysoberyl
Adr	andradite	Bsl	barysilite	Brc	brucite	Ccl	chrysocolla
Ang	angelaite	Bcl	barytocalcite	Bst	bustamite	Ctl	chrysotile
Agl	anglesite	Bss	bassanite	Clv	calaverite	Cin	cinnabar
Anh	anhydrite	Bsn	bastnäsite	Cal	calcite	Clc	clausthalite
Ani	anilite	Bnj	benjaminite	Cdr	calderite	Cch	clinochlore
Ank	ankerite	Brd	berdesinskiite	Ccn	cancrinite	Chu	clinohumite
Ann	annite	Ber	berryite	Cbc	carbocernaite	Cpt	clinoptilolite

Cpx	clinopyroxene*	Dmd	diamond	Fts	ferrotschermakite	Gt	goethite
Czo	clinozoisite	Dsp	diaspore	Fwg	ferrowodginite	Glm	goldmanite
Ctn	clintonite	Dg	digenite	Fer	feruvite	Gft	graftonite
Cbt	cobaltite	Di	diopside	Fnl	fianelite	Gdd	grandidierite
Coe	coesite	Djr	djerfisherite	Flc	fletcherite	Gr	graphite
Clr	coloradoite	Dju	djurleite	Fl	fluorite	Gre	greenalite
Clf	columbite-(Fe)	Dol	dolomite	Fed	fluoro-edenite	Gck	greenockite
Clm	columbite-(Mn)	Drv	dravite	Fap	fluorapatite	Grg	greigite
Cnl	connellite	Dum	dumortierite	Foi	foitite	Grs	grossular
Cpr	cooperite	Eas	eastonite	Fo	forsterite	Gru	grunerite
Crd	cordierite	Ecn	ecandrewsite	Fos	foshagite	Gp	gypsum
Cor	coronadite	Eck	eckermannite	Fbg	freibergite	Hag	hagendorffite
Crr	corrensite	Ed	edenite	Frd	friedrichite	Hak	hakite
Crn	corundum	Elb	elbaite	Frb	frohbergite	Hl	halite
Cos	cosalite	Eng	enargite	Fro	froodite	Ham	hambergite
Cou	coulsonite	En	enstatite	Gad	gadolinite	Hmr	hammarite
Cv	covellite	Ep	epidote	Ghn	gahnite	Hs	hastingsite
Crs	cristobalite	Erl	erlichmanite	Gal	gallite	Hyn	häüyne
Cry	cryolite	Ess	esseneite	Glx	galaxite	Hz	heazlewoodite
Cpt	cryptomelane	Euc	eucairite	Gn	galena	Hd	hedenbergite
Cbn	cubanite	Ecr	eucryptite	Grt	garnet*	Hdl	hedleyite
Cum	cummingtonite	Eud	eudialyte	Ged	gedrite	Hlv	helvite
Cup	cuprite	Fa	fayalite	Gh	gehlenite	Hem	hematite
Cbs	cuprobismutite	Fbr	ferberite	Gkl	geikielite	Hnm	henrymeyerite
Cui	cuproiridsite	Fsk	ferrisicklerite	Ghv	genthelvite	Hc	hercynite
Cus	cuspidine	Fac	ferro-actinolite	Ger	germanite	Hrd	herderite
Dan	danalite	Fed	ferro-edenite	Gdf	gersdorffite	Hes	hessite
Dbr	danburite	Fhb	ferrohornblende	Gbs	gibbsite	Het	heterosite
Dnt	dantopaite	Fks	ferrokästerite	Gir	giraudite	Hul	heulandite
Daq	daqingshanite-(Ce)	Fs	ferrosilite	Gld	gladite	Hil	hillebrandite
Del	delafossite	Frt	ferrorichterite	Glt	glauconite*	Hod	hodrushite
Dll	dellaite	Ftw	ferrotitanowodginite	Gln	glaucophane	Hög	högbomite

Hol	hollandite	Kln	kaolinite	Lib	libethenite	Mta	magnesiotaaffeite
Hlw	hollingworthite	Kar	karelianite	Lid	liddicoatite	Mtm	magnesiotaramite
Hmq	holmquistite	Kto	katoite	Lil	lillianite	Mgs	magnesite
Hns	hörnseite	Ktp	katophorite	Lnd	lindströmite	Mgt	magnetite
Hbl	hornblende*	Ktb	kentbrooksit	Lin	linnaeite	Mjt	majorite
Hbn	hübnerite	Kst	kësterite	Lph	lithiophilite	Mal	malachite
Hu	humite	Kfs	K-feldspar*	Lz	lizardite	Mld	maldonite
Hgr	hydrogrossular	Kil	killalaite	Lol	löllingite	Mlv	manganilvaite
Hap	hydroxylapatite	Kmz	kimzeyite	Ldn	londonite	Mrc	marcasite
Hjs	hydroniumjarosite	Kns	kinoshitalite	Lop	loparite	Mrg	margarite
Hhl	hydrohalite	Kch	kirschsteinite	Lou	loughlinite	Mtg	mattagamite
Ida	idaite	Kob	kobellite	Lud	ludlamite	Med	medaite
Ik	ikunolite	Krn	kernerupine	Lue	lueshite	Mtk	melanotekite
Ill	illite*	Kt	kotulskite	Luz	luzonite	Mln	melanterite
Ilm	ilmenite	Knn	krennerite	Mkw	mackinawite	Mel	melilite
Ilv	ilvaite	Krp	krupkaite	Mhg	maghagendorfite	Mlt	melonite
Ins	inesite	Kry	kryzhanovskite	Mgh	maghemite	Mnv	menshikovite
Ing	ingodite	Kpk	kupčikite	Maf	magnesio- arfvedsonite	Mrk	merenskyite
Irs	irarsite	Kut	kutnohorite			Mer	merwinite
Iso	isocubanite	Ky	kyanite	Mcd	magnesiochloritoid	Mch	michenerite
Ixl	ixiolite	Ltk	laitakarite	Mcr	magnesiochromite	Mc	microcline
Jd	jadeite	Lan	lanarkite	Mfr	magnesioferrite	Mic	microlite
Jrs	jarosite	Lgt	langite	Mft	magnesio-foitite	Mih	miharaite
Jh	johannsenite	Lar	larnite	Mht	magnesio- hastingsite	Mlr	millerite
Jo	jonassonite	Ltp	latrappite			Mim	mimetite
Jsv	johnsomervilleite	Lmt	laumontite	Mhb	magnesio- hornblende	Min	minnesotaite
Js-β	joséite-β	Lrt	laurite			Mlb	molybdenite
Jnt	junoite	Lws	lawsonite	Mkt	magnesio- katophorite	Mnz	monazite
Krs	kaersutite	Lzr	lazurite			Mon	moncheite
Kls	kalsilite	Lpc	lepidocrocite	Mrt	magnesiorichterite	Mnb	montbrayite
Knk	kaňkite	Lpd	lepidolite*	Mrb	magnesioriebeckite	Mbr	montebrasite
Kan	kanonaite	Lct	leucite	Mst	magnesiostaurolite	Mtc	monticellite

Mnt	montmorillonite	Pav	pavonite	Pmp	pumpellyite	Rt	rutile
Mor	mordenite	Pct	pectolite	Py	pyrite	Sfl	safflorite
Mmt	morimotoite	Pek	pekoite	Pya	pyroaurite	Sa	sanidine
Mul	mullite	Pn	pentlandite	Pyl	pyrolusite	Sap	saponite
Ms	muscovite	Per	periclae	Pcl	pyrochlore	Spr	sapphirine
Nad	nadorite	Prv	perovskite	Pyc	pyrochroite	Sar	sarcopside
Ngy	nagyágite	Prr	perrierite	Prp	pyrope	Scp	scapolite*
Nas	nasinite	Prt	pertlikite	Pyf	pyrophanite	Scl	scheelite
Njs	natrojarosite	Pet	petalite	Prl	pyrophyllite	Srl	schorl
Ntr	natrolite	Ptz	petzite	Pxm	pyroxmangite	Slm	schorlomite
Ne	nepheline	Pha	pharmacosiderite	Po	pyrrhotite	Sch	schwertmannite
Ney	neyite	Phk	phenakite	Qd	qandilite	Scd	scorodite
Nc	nickeline	Phg	phengite	Qtz	quartz	Skn	sekaninaite
Nrb	norbergite	Phl	phlogopite	Rdk	radtkeite	Sep	sepiolite
Nst	norsethite	Pwg	phosphowalpurkite	Rdr	ramdohrite	Srp	serpentine*
Nsn	nosean	Pgt	pigeonite	Rmb	rammelsbergite	Shu	shuiskite
Ojl	ojuleaite	Plt	platarsite	Rmd	ramsdellite	Sd	siderite
Ol	olivine*	Pl	plagioclase	Rnk	rankinite	Sie	siegenite
Old	oldhamite	Pjr	plumbojarosite	Rsv	rasvumite	Sil	sillimanite
Omp	omphacite	Pmc	plumbomicrolite	Rgr	realgar	Shk	shirokshinite
Or	orthoclase	Pol	pollucite	Ren	renierite	Sm	smectite
Opx	orthopyroxene*	Plb	polybasite	Rct	richterite	Sob	sobolevskite
Osm	osumilite	Plc	polycrase-(Y)	Rbk	riebeckite	Sdl	sodalite
Otr	ottrélite	Pld	polydymite	Rdz	rhodizite	Sop	sopcheite
Pad	padëraite	Pln	polyolithionite	Rds	rhodochrosite	Spy	sperrylite
Pal	palygorskite	Pov	povondraite	Rdn	rhodonite	Sps	spessartine
Plv	paolovite	Pwl	powellite	Rgt	ringwoodite	Sp	sphalerite
Pg	paragonite	Prh	prehnite	Rmn	romanëchite	Spl	spinel
Par	paratellurite	Ptl	pretulite	Rsm	rossmanite	Spi	spionkopite
Prg	pargasite	Prm	prismatine	Rua	ruarsite	Spd	spodumene
Pst	parisite	Psm	pseudomalachite	Rsb	rustenburgite	Spu	spurrite
Prk	parkerite	Pss	pseudosinhalite	Rus	rustumite	Stn	stannite

St	staurolite	Tfa	tetra-ferri-annite	Vio	violarite
Stl	stellerite	Tfp	tetra-ferriphlogopite	Vlt	voltaite
Sph	stephanite	Ttd	tetradymite	Vol	volynskite
Stf	stibiobetafite	Td	tetrahedrite	Vsk	vysotskite
Stm	stibiomicrolite	Thm	thomsonite	Wag	wagnerite
Std	stibiopalladinite	Thr	thorite	Wai	wairakite
Stb	stilbite	Thu	thorutite	Wl	walpurkite
Stw	stillwaterite	Tmn	tiemannite	Wat	watkinsonite
Stp	stilpnomelane	Til	tilleyite	Wst	weissite
Sti	stishovite	Ttn	titanite	Wrd	werdingite
Sns	stronalsite	Toe	tooeleite	Wil	willemite
Str	strontianite	Toz	topaz	Wth	witherite
Stz	stüztite	Tor	torbernite	Wtc	wittichenite
Syl	sylvanite	Tur	tourmaline*	Wdg	wodginitite
Slv	sylvite	Tr	tremolite	Wo	wollastonite
Syn	synchysite	Trd	tridymite	Wul	wulfenite
Tai	tainiolite	Tln	trilithionite	Wtz	wurtzite
Tlc	talca	Trp	triphylite	Wus	wüstite
Tlm	talmessite	Tro	troilite	Xnt	xenotime
Tlk	talnakhite	Ts	tschermakite	Yar	yarrowite
Tnt	tantalite	Tsm	tsumoite	Yuk	yukonite
Tnf	tantalite-(Fe)	Tul	tulameenite	Zrn	zircon
Tnm	tantalite-(Mn)	Tgs	tungstenite	Zrc	zirconolite
Tap	tapiolite	Tyu	tyuyamunite	Zo	zoisite
Tsn	tausonite	Usp	ulvöspinel	Zun	zunyite
Tei	teinite	Urn	uraninite		
Tlu	tellurantimony	Umc	uranmicrolite		
Te	tellurium	Uv	uvarovite		
Tb	tellurobismuthite	Va	vaesite		
Tn	tennantite	Vrm	vermiculite		
Tnr	tenorite	Ves	vesuvianite		
Tep	tephroite	Vtm	viitaniemiite		

* 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*.

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