

SYMBOLS FOR ROCK- AND ORE-FORMING MINERALS

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

Chn	chondrodite	Crs	cristobalite	Ecl	eclarite	Fap	fluorapatite
Csl	chrisstanleyite	Cry	cryolite	Ed	edenite	Foi	foitite
Chr	chromite	Cpt	cryptomelane	Elb	elbaite	Fo	forsterite
Cb	chrysoberyl	Cbn	cubanite	Eld	eldragónite	Fos	foshagite
Ccl	chrysocolla	Cum	cummingtonite	Emp	emplectite	Fbg	freibergite
Ctl	chrysotile	Cup	cuprite	Eng	enargite	Fri	friedrichbeckeite
Chk	chukhrovite	Cbs	cuprobismutite	En	enstatite	Frd	friedrichite
Cin	cinnabar	Cui	cuproiridsite	Eos	eosphorite	Frb	frohbergite
Cls	clausthalite	Cus	cuspidine	Ep	epidote	Fro	froodite
Cch	clinocllore	Dan	danalite	Erl	erlichmanite	Gad	gadolinite
Chu	clinohumite	Dbr	danburite	Ess	esseneite	Ghn	gahnite
Cmm	clinomimetite	Dnt	dantopaite	Euc	eucairite	Gal	gallite
Cpt	clinoptilolite	Daq	daqingshanite-(Ce)	Ecl	euclase	Glx	galaxite
Cpx	clinopyroxene*	Dar	darapiosite	Ecr	eucryptite	Gn	galena
Czo	clinozoisite	Del	delafossite	Eud	eudialyte	Grt	garnet*
Ctn	clintonite	Dll	dellaite	Fa	fayalite	Ged	gedrite
Cbt	cobaltite	Dmd	diamond	Fbr	ferberite	Gh	gehlenite
Coe	coesite	Dsp	diaspore	Fsk	ferrisicklerite	Gkl	geikielite
Cof	coffinite	Dcn	dickinsonite	Fac	ferro-actinolite	Ghv	genthelvite
Clr	coloradoite	Dck	dickite	Fed	ferro-edenite	Ger	germanite
Clf	columbite-(Fe)	Dg	digenite	Fhb	ferrohornblende	Gdf	gersdorffite
Clm	columbite-(Mn)	Di	diopside	Fks	ferrokësterite	Gbs	gibbsite
Cls	colusite	Djr	djerfisherite	Fs	ferrosilite	Gir	giraudite
Cnl	connellite	Dju	djurleite	Frt	ferrorichterite	Gld	gladite
Cpr	cooperite	Dol	dolomite	Ftw	ferrotitanowodginite	Glt	glaucosite*
Crd	cordierite	Drv	dravite	Fts	ferrotschermakite	Gln	glaucophane
Cor	coronadite	Drf	dufrénite	Fwg	ferrowodginite	Gt	goethite
Crr	corrensite	Dum	dumortierite	Fer	feruvite	Glm	goldmanite
Crn	corundum	Dus	dusmatovite	Fnl	fianelite	Gm	gormanite
Cos	cosalite	Eas	eastonite	Flc	fletcherite	Gft	graftonite
Cou	coulsonite	Ecn	ecandrewsite	Fl	fluorite	Gdd	grandidierite
Cv	covellite	Eck	eckermannite	Fed	fluoro-edenite	Gr	graphite

Gre	greenalite	Hbn	hübnerite	Kln	kaolinite	Lpc	lepidocrocite
Gck	greenockite	Hu	humite	Kar	karelianite	Lpd	lepidolite*
Grg	greigite	Hur	hureaulite	Kto	katoite	Lct	leucite
Grs	grossular	Hrb	hurlbutite	Ktp	katophorite	Lib	libethenite
Gru	grunerite	Hgr	hydrogrossular	Ktb	kentbrooksit	Lid	liddicoatite
Gp	gypsum	Hap	hydroxylapatite	Kst	kësterite	Lil	lillianite
Hag	hagendorfite	Hhd	hydroxylherderite	Kfs	K-feldspar*	Lnd	lindströmit
Hak	hakite	Hjs	hydroniumjarosite	Kil	killalaite	Lin	linnaeite
Hl	halite	Hhl	hydrohalite	Kmz	kimzeyite	Lcb	lipscombite
Ham	hambergite	Ida	idaite	Kns	kinoshitalite	Lph	lithiophilite
Hmr	hammarite	Ik	ikunolite	Kch	kirschsteinite	Lz	lizardite
Hs	hastingsite	Ill	illite*	Klo	klochite	Lol	löllingite
Hyn	häüyne	Ilm	ilmenite	Kl	klockmannite	Ldn	londonite
Hx	heazlewoodite	Ilv	ilvaite	Kob	kobellite	Lop	loparite
Hd	hedenbergite	Ins	inesite	Krn	kornerupine	Lou	loughlinite
Hdl	hedleyite	Ing	ingodite	Kt	kotulskite	Lud	ludlamite
Hlv	helvite	Irs	irarsite	Knn	krennerite	Lue	lueshite
Hem	hematite	Iso	isocubanite	Krp	krupkaite	Luz	luzonite
Hnm	henrymeyerite	Ism	isomertieite	Kry	kryzhanovskite	Mkw	mackinawite
Hc	hercynite	Ixl	ixiolite	Kup	kupčikite	Mhg	maghagendorfite
Hrd	herderite	Jd	jadeite	Kut	kutnohorite	Mgh	maghemite
Hes	hessite	Jhn	jahnsite	Ky	kyanite	Maf	magnesio- arfvedsonite
Het	heterosite	Jrs	jarosite	Ltk	laitakarite	Mcd	magnesiochloritoid
Hul	heulandite	Jh	johannsenite	Lan	lanarkite	Mcr	magnesiochromite
Hil	hillebrandite	Jo	jonassonite	Lgt	langite	Mfr	magnesioferrite
Hod	hodrushite	Jsv	johnsomervilleite	Lar	larnite	Mft	magnesio-foitite
Hög	högbomite	Js-β	joséite-β	Ltp	latrappite	Mht	magnesio- hastingsite
Hol	hollandite	Jnt	junoite	Lmt	laumontite	Mhb	magnesio- hornblende
Hlw	hollingworthite	Krs	kaersutite	Lrt	laurite	Mkt	magnesio-
Hmq	holmquistite	Kls	kalsilite	Lws	lawsonite		
Hns	hörnesite	Knk	kañkite	Lzl	lazulite		
Hbl	hornblende*	Kan	kanonaite	Lzr	lazurite		

	katophorite	Mim	mimetite	Opx	orthopyroxene*	Pol	pollucite
Mrt	magnesianichterite	Min	minnesotaite	Osm	osumilite	Plb	polybasite
Mrb	magnesianiebeckite	Mlb	molybdenite	Otr	ottrérite	Plc	polycrase-(Y)
Mst	magnesiostauroilite	Mnz	monazite	Pad	padérite	Pld	polydymite
Mta	magnesiotaaffeite	Mon	moncheite	Pal	palygorskite	Pln	polyolithionite
Mtm	magnesiotaaramite	Mnb	montbrayite	Plv	paolovite	Pou	poudretteite
Mgs	magnesite	Mbr	montebrasite	Pg	paragonite	Pov	povondraite
Mgt	magnetite	Mtc	monticellite	Par	paratellurite	Pwl	powellite
Mjt	majorite	Mnt	montmorillonite	Prg	pargasite	Prh	prehnite
Mal	malachite	Mor	mordenite	Pst	parisite	Ptl	pretulite
Mld	maldonite	Mmt	morimotoite	Prk	parkerite	Prm	prismatine
Mlv	manganilvaite	Mul	mullite	Pav	pavonite	Psm	pseudomalachite
Mrc	marcasite	Ms	muscovite	Pct	pectolite	Pss	pseudosinhalite
Mrg	margarite	Nad	nadorite	Pek	pekoite	Pmp	pumpellyite
Mtg	mattagamite	Ngy	nagyágite	Pn	pentlandite	Put	putoranite
Maw	mawsonite	Nas	nasinite	Per	periclase	Py	pyrite
Med	medaite	Njs	natrojarosite	Prv	perovskite	Pya	pyroaurite
Mtk	melanotekite	Ntr	natrolite	Prr	perrierite	Pyl	pyrolusite
Mln	melanterite	Nek	nekrasovite	Prt	pertlikite	Pcl	pyrochlore
Mel	melilite	Ne	nepheline	Pet	petalite	Pyc	pyrochroite
Mlt	melonite	Nes	nesquehonite	Pv	petrovicite	Prp	pyrope
Mnv	menshikovite	Ney	neyite	Ptz	petzite	Pyf	pyrophanite
Mrk	merenskyite	Nc	nickeline	Pha	pharmacosiderite	Prl	pyrophyllite
Mrh	merrillite	Nrb	norbergite	Phk	phenakite	Pxm	pyroxmangite
Mer	merwinite	Nst	norsethite	Phg	phengite	Po	pyrrhotite
Mch	michenerite	Nsn	nosean	Phl	phlogopite	Qd	qandilite
Mc	microcline	Oft	oftedalite	Pwg	phosphowalpurite	Qtz	quartz
Mic	microlite	Ojl	ojuleite	Pgt	pigeonite	Rdk	radtkeite
Mie	miessite	Ol	olivine*	Plt	platarsite	Rdr	ramdohrite
Mih	miharaite	Old	oldhamite	Pl	plagioclase	Rmb	rammelsbergite
Mil	milarite	Omp	omphacite	Pjr	plumbojarosite	Rmd	ramsdellite
Mr	millerite	Or	orthoclase	Pmc	plumbomicrolite	Rnk	rankinite

Rsv	rasvumite	Sep	sepiolite	Stb	stilbite	Thm	thomsonite
Rgr	realgar	Srp	serpentine*	Stw	stillwaterite	Thr	thorite
Rdd	reddingite	Shi	shibkovite	Stp	stilpnomelane	Thu	thorutite
Ren	renierite	Shu	shuiskite	Sti	stishovite	Tmn	tiemannite
Rct	richterite	Sck	sicklerite	Sns	stronalsite	Til	tilleyite
Rbk	riebeckite	Sd	siderite	Str	strontianite	Ttn	titanite
Rdz	rhodizite	Sie	siegenite	Stz	stützite	Toe	tooeleite
Rds	rhodochrosite	Sil	sillimanite	Sug	sugilite	Toz	topaz
Rdn	rhodonite	Shk	shirokshinite	Syl	sylvanite	Tor	torbernite
Rgt	ringwoodite	Skt	skutterudite	Slv	sylvite	Trs	törnroosite
Rck	rockbridgeite	Sm	smectite	Syn	synchysite	Tur	tourmaline*
Roe	roedderite	Sob	sobolevskite	Tae	taenite	Tra	trattnerite
Rmn	romanèchite	Sdl	sodalite	Tai	tainiolite	Tr	tremolite
Rsm	rossmanite	Sog	sogdianite	Tlc	talc	Trd	tridymite
Rua	ruarsite	Sop	sopcheite	Tlm	talmessite	Tln	trilithionite
Rsb	rustenburgite	Spy	sperrylite	Tlk	talnakhite	Trp	triphylite
Rus	rustumite	Sps	spessartine	Tnt	tantalite	Tp	triploidite
Rt	rutile	Sp	sphalerite	Tnf	tantalite-(Fe)	Tro	troilite
Sfl	safflorite	Spl	spinel	Tnm	tantalite-(Mn)	Ts	tschermakite
Sa	sanidine	Spi	spionkopite	Tap	tapiolite	Tsm	tsumoite
Sap	saponite	Spd	spodumene	Tsn	tausonite	Tul	tulameenite
Spr	sapphirine	Spu	spurrite	Tei	teinite	Tgs	tungstenite
Sar	sarcopsidite	Stk	stanèkrite	Tlu	tellurantimony	Tyu	tyuyamunite
Scp	scapolite*	Stn	stannite	Te	tellurium	Usp	ulvöspinel
Scl	scheelite	Sta	stannoidite	Tb	tellurobismuthite	Urn	uraninite
Srl	schorl	St	staurolite	Tn	tennantite	Umc	uranmicrolite
Slm	schorlomite	Stl	stellerite	Tnr	tenorite	Ubt	uranobetafite
Sch	schwertmannite	Sph	stephanite	Tep	tephroite	Urp	uranophane
Scd	scorodite	Stf	stibiobetafite	Tfa	tetra-ferri-annite	Uv	uvarovite
Skn	sekaninaite	Stm	stibiomicrolite	Tfp	tetra-ferriphlogopite	Va	vaesite
Sel	seligmannite	Std	stibiopalladinite	Ttd	tetradymite	Vr	varulite
Sen	sénarmontite	Sbn	stibnite	Td	tetrahedrite	Vrm	vermiculite

Ves	vesuvianite
Vtm	viitaniemiite
Vin	vinciennite
Vio	violarite
Vlt	voltaite
Vol	volynskite
Vsk	vysotskite
Wag	wagnerite
Wai	wairakite
Wl	walpurkite
Wat	watkinsonite
Wst	weissite
Wrd	werdingite
Wil	willemite
Wth	witherite
Wtc	wittichenite
Wdg	wodginite
Wo	wollastonite
Wul	wulfenite
Wtz	wurtzite
Wus	wüstite
Wyl	wyllieite
Xnt	xenotime
Yar	yarrowite
Yuk	yukonite
Zrn	zircon
Zrc	zirconolite
Zo	zoisite
Zun	zunyite
Zv	zvyagintsevite

* 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*. Note that no mineral names are listed here that are not sanctioned by the International Mineralogical Association.

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