

THE CANADIAN MINERALOGIST LIST OF SYMBOLS FOR ROCK- AND ORE-FORMING MINERALS (January 1, 2021)

Ac	acanthite	Ado	andorite	Asp	aspidolite	Btr	berthierite
Act	actinolite	Adr	andradite	Ast	astrophyllite	Brl	beryl
Ae	aegirine	Ang	angelaite	At	atokite	Bll	beryllonite
AeAu	aegirine-augite	Agl	anglesite	Au	gold	Brz	berzelianite
Aen	aenigmatite	Anh	anhydrite	Aul	augelite	Bet	betafite
Aes	aeschnite-(Y)	Ani	anilite	Aug	augite	Bkh	betekhtinite
Aik	aikinite	Ank	ankerite	Aur	auricupride	Bdt	beudantite
Akg	akaganeite	Ann	annite	Aus	aurostibite	Beu	beusite
Ak	åkermanite	An	anorthite	Aut	autunite	Bch	bicchulite
Ala	alabandite	Anr	anorthoclase	Aw	awaruite	Bt	biotite*
Ab	albite	Atg	antigorite	Axn	axinite-(Mn)	Bsm	bismite
Alg	algodonite	Sb	antimony	Azu	azurite	Bi	bismuth
All	allactite	Ath	anthophyllite	Bdl	baddeleyite	Bmt	bismuthinite
Aln	allanite	Ap	apatite*	Bns	banalsite	Bod	bohdanowiczite
Alo	alloclasite	Arg	aragonite	Bbs	barbosalite	Bhm	böhmite
Ald	alluaudite	Ara	aramayoite	Brr	barrerite	Bor	boralsilite
Alm	almandine	Arf	arfvedsonite	Brs	barroisite	Bn	bornite
Alr	almarudite	Ard	argentodufrenoysite	Blt	barylite	Bou	boulangerite
Als	alstonite	Apn	argentopentlandite	Bsl	barysilite	Bnn	bournonite
Alt	altaite	Arp	argentopyrite	Brt	baryte, barite	Bow	bowieite
Aln	alunite	Agt	argutite	Bcl	barytoalcite	Brg	braggite
Alu	alunogen	Agy	argyrodite	Bss	bassanite	Brn	brannerite
Amb	amblygonite	Arm	armangite	Bsn	bastnäsite	Bra	brannockite
Ams	amesite	As	arsenic	Bau	baumstarkite	Bnt	braunite
Amp	amphibole*	Ass	arsenosiderite	Bel	bellidoite	Brv	bravoite
Anl	analcime	Acr	arsenocrandallite	Bnj	benjaminite	Bhp	breithauptite
Ana	anapaite	Asf	arsenoflorencite	Brd	berdesinskiite	Btt	briartite
Ant	anatase	Apd	arsenopalladinite	Ber	berryite	Bri	britholite
And	andalusite	Apy	arsenopyrite	Brh	berthierine	Bro	brochantite

Bdk	brodtkorkite	Cp	chalcopyrite	Clf	columbite-(Fe)	Daq	daqingshanite-(Ce)
Brk	brookite	Cm	chaméanite	Clm	columbite-(Mn)	Dar	darapiosite
Brc	brucite	Chm	chamosite	Cls	colusite	Dbl	daubréelite
Bul	bultfonteinite	Cha	chatkalite	Cnl	connellite	Def	defernite
Bst	bustamite	Crl	cheralite	Cu	copper	Del	delafossite
Bu	bukovite	Cvt	chernovite-(Y)	Ckt	cookeite	Dll	dellaite
Bur	buryatite	Chv	chevkinite	Cpr	cooperite	Dmd	diamond
Cdm	cadmoselite	Cap	chlorapatite	Crd	cordierite	Dsp	diaspore
Clv	calaverite	Chl	chlorite*	Cor	coronadite	Dcn	dickinsonite
Cal	calcite	Cld	chloritoid	Crr	corrensite	Dck	dickite
Cdr	calderite	Chn	chondrodite	Crn	corundum	Dg	digenite
Ccn	cancrinite	Csl	chrisstanleyite	Cos	cosalite	Di	diopside
Cf	canfieldite	Chr	chromite	Csb	costibite	Dis	dissakisite
Cbc	carbocernaite	Cb	chrysoberyl	Cou	coulsonite	Djr	djerfisherite
Cnt	carnotite	Ccl	chrysocolla	Cv	covellite	Dju	djurleite
Car	carrollite	Ctl	chrysotile	Cdl	crandallite	Dol	dolomite
Cpl	caryopilite	Chk	chukhrovite	Crs	crystalite	Do	domeykite
Cst	cassiterite	Cin	cinnabar	Crk	crookesite	Drv	dravite
Ctm	catamarcaite	Clt	clausthalite	Cry	cryolite	Dfr	dufrénite
Cat	cattierite	Cch	clinochlore	Cpt	cryptomelane	Duf	dufrénoysite
Cay	caysichite-(Y)	Chu	clinohumite	Cbn	cubanite	Dum	dumortierite
Cel	celadonite	Cmm	clinomimetite	Cum	cummingtonite	Du	duranusite
Cls	celestine	Cpt	clinoptilolite	Cup	cuprite	Dus	dusmatovite
Cln	celsian	Cpx	clinopyroxene*	Cbs	cuprobismutite	Eas	eastonite
Crt	cerite-(Ce)	Czo	clinozoisite	Cui	cuproiridsite	Ecn	ecandrewsite
Css	cerussite	Ctn	clintonite	Crh	cuprorhodsite	Eck	eckermannite
Cer	cervantite	Cbt	cobaltite	Cus	cuspidine	Ecl	eclarite
Cvl	cervelleite	Cpn	cobaltpentlandite	Cy	cylindrite	Ed	edenite
Cbz	chabazite	Coe	coesite	Dal	daliranite	Elb	elbaite
Ccm	chalcoalumite	Cof	coffinite	Dan	danalite	Eld	eldragónite
Cc	chalcocite	Cdw	coldwellite	Dbr	danburite	Ell	ellenbergerite
Chp	chalcophyllite	Clr	coloradoite	Dnt	dantopaite	Emp	emplectite

Eng	enargite	Fer	feruvite	Ghv	genthelvite	Hyn	häüyne
En	enstatite	Fnl	fianelite	Ger	germanite	Hz	heazlewoodite
Eos	eosphorite	Fis	fischesserite	Gdf	gersdorffite	Hd	hedenbergite
Ep	epidote	Fiz	fizélyite	Gbs	gibbsite	Hdl	hedleyite
Erl	erlichmanite	Flc	fletcherite	Gir	giraudite	Hlv	helvite
Es	eskebornite	Fl	fluorite	Gld	gladite	Hem	hematite
Ess	esseneite	Fed	fluoro-edenite	Gl	glaucodot	Hm	hemusite
Euc	eucairite	Fap	fluorapatite	Glt	glauconite*	Hnm	henrymeyerite
Ecl	euclase	Fapo	fluorapophyllite	Gln	glaucophane	Hc	hercynite
Ecr	eucryptite	Fel	fluorellestadite	Go	godlevskite	Hrd	herderite
Eud	eudialyte	Foi	foitite	Gt	goethite	Hes	hessite
Fab	fabrièsite	Fo	forsterite	Au	gold	Het	heterosite
Ffd	fairfieldite	Fos	foshagite	Gf	goldfieldite	Hul	heulandite
Fam	famatinite	Fr	franckeite	Glm	goldmanite	Hil	hillebrandite
Fa	fayalite	Fnk	franklinite	Gm	gormanite	Hoc	hocartite
Fbr	ferberite	Fbg	freibergite	Goy	goyazite	Hod	hodrushite
Fgs	fergusonite	Fri	friedrichbeckeite	Gft	graftonite	Hög	högbomite
Frh	ferhodsite	Frd	friedrichite	Gdd	grandidierite	Hol	hollandite
Fsk	ferrisicklerite	Frb	frohbergite	Gr	graphite	Hlw	hollingworthite
Fac	ferro-actinolite	Fnd	frondelite	Gre	greenalite	Hmq	holmquistite
Faln	ferriallanite-(Ce)	Fro	froodite	Gck	greenockite	Hol	holtite
Fal	ferroalluaudite	Fub	furutobeite	Grg	greigite	Hns	hörnesite
Fed	ferro-edenite	Gad	gadolinite	Grs	grossular	Hbl	hornblende*
Fhb	ferro-hornblende	Ghn	gahnite	Gru	grunerite	Hbn	hübnerite
Fks	ferrokësterite	Glx	galaxite	Gu	gudmundite	Hu	humite
Frrh	ferrorhodsit	Gn	galena	Gp	gypsum	Hur	hureaulite
Fsl	ferroselite	Gab	galenobismutite	Hag	hagendorffite	Hrb	hurlbutite
Fs	ferrosilite	Gal	gallite	Hak	hakite	Hut	hutchinsonite
Frt	ferrorichterite	Grt	garnet*	Hl	halite	Ht	huttonite
Ftw	ferrotitanowodginite	Ged	gedrite	Ham	hambergite	Hgr	hydrogrossular
Fts	ferrotschermakite	Gh	gehlenite	Hmr	hammarite	Hhl	hydrohalite
Fwg	ferrowodginite	Gkl	geikielite	Hs	hastingsite	Hjs	hydroniumjarosite

Htc	hydrotalcite	Kls	kalsilite	Lmp	lamprophyllite	Mkw	mackinawite
Hap	hydroxylapatite	Knk	kaňkite	Lan	lanarkite	Mhg	maghagendorfite
Hel	hydroxyllestadite	Kan	kanonaite	Lgt	langite	Mgh	maghemite
Hhd	hydroxylherderite	Kln	kaolinite	Lar	larnite	Maf	magnesio- arfvedsonite
Hapk	hydroxy- apophyllite-(K)	Kar	karelianite	Ltp	latrappite	Mcd	magnesiochloritoid
Ida	idaite	Kto	katoite	Lmt	laumontite	Mcr	magnesiochromite
Ik	ikunolite	Ktp	katophorite	Lau	launayite	Mfr	magnesioferrite
Ill	illite*	Ke	keilite	Lrt	laurite	Mft	magnesio-foitite
Ilm	ilmenite	Ktb	kentbrooksit	Ltt	lautite	Mht	magnesio- hastingsite
Ilv	ilvaite	Kem	kermesite	Lws	lawsonite	Mhb	magnesio- hornblende
Ins	inesite	Kst	k�sterite	Lzl	lazulite	Mkt	magnesio- katophorite
Ing	ingodite	Kfs	K-feldspar*	Lzr	lazurite	Mrt	magnesiorichterite
Irs	irarsite	Kil	killalaite	Pb	lead	Mrb	magnesioriebeckite
Ish	ishiharaite	Kmz	kimzeyite	Lpc	lepidocrocite	Mst	magnesio-staurolite
Iso	isocubanite	Kns	kinoshitalite	Lpd	lepidolite*	Mta	magnesiotaafeite
Ifp	isoferroplatinum	Krk	kirkiite	Lct	leucite	Mtm	magnesiotaramite
Ism	isomertieite	Kch	kirschsteinite	Lvc	l�vy-claudite	Mgs	magnesite
Ixl	ixiolite	Klo	klochite	Lib	libethenite	Mgt	magnetite
Ja	jamesonite	Kl	klockmannite	Lid	liddicoatite	Mjt	majorite
Jd	jadeite	Kob	kobellite	Lil	lillianite	Mal	malachite
Jhn	jahnsite	Krn	korn�rupine	Lnd	lindstr�mte	Mld	maldonite
Jag	jag��ite	Kt	kotulskite	Lin	linnaeite	Mlv	manganilvaite
Jrs	jarosite	Knn	krennerite	Lcb	lipscombite	Mng	manganite
Jh	johannsenite	Krp	krupkaite	Lph	lithiophilite	Mtb	manitobaite
Jo	jonassonite	Krt	krut�aite	Lz	lizardite	Mth	marathonite
Jsv	johnsomervilleite	Kry	kryzhanovskite	Lol	l�llingite	Mrc	marcasite
Jrd	jordanite	Kup	kup�ikite	Ldn	londonite	Mrg	margarite
Js-�	jos�ite-�	Ku	kuranite	Lop	loparite	Ma	marialite
Jul	julgoldite	Kut	kutnohorite	Lou	loughlinitite		
Jnt	junoite	Ky	kyanite	Lud	ludlamite		
Krs	kaersutite	Laf	lafor�tite	Lue	lueshite		
		Ltk	laitakarite	Luz	luzonite		

Mtg	mattagamite	Mtc	monticellite	Opx	orthopyroxene*	Pwg	phosphowalpurkite
Mau	maucherite	Mnt	montmorillonite	Os	osmium	Pcz	pieczkaite
Maw	mawsonite	Mor	mordenite	Osm	osumilite	Pie	piemontite
Med	medaite	Mmt	morimotoite	Otr	ottréite	Pgt	pigeonite
Me	meionite	Msb	mössbauerite	Our	ourayite	Pi	pirquitasite
Mtk	melanotekite	Mul	mullite	Pad	padérite	Plt	platarsite
Mln	melanterite	Ms	muscovite	Pd	palladium	Pt	platinum
Mel	melilite	Nad	nadorite	Pdg	palladogermanide	Pl	plagioclase
Mlt	melonite	Ngy	nagyágite	Pal	palygorskite	Pjr	plumbojarosite
Mnv	menshikovite	Nas	nasinite	Plv	paolovite	Pmc	plumbomicrolite
Mrk	merenskyite	Njs	natrojarosite	Pg	paragonite	Plk	polkanovite
Mrh	merrihueite	Ntr	natrolite	Par	paratellurite	Pol	pollucite
Mrt	mertieite (I or II)	Nau	naumannite	Prg	pargasite	Plb	polybasite
Mer	merwinite	Nek	nekrasovite	Pst	parisite	Plc	polycrase-(Y)
Mes	messelite	Ne	nepheline	Prk	parkerite	Pld	polydymite
Mec	metacinnabar	Nes	nesquehonite	Pav	pavonite	Pln	polyolithionite
Mia	miargyrite	Ney	neyite	Pea	pearceite	Pou	poudretteite
Mch	michenerite	Nc	nickeline	Pct	pectolite	Pov	povondraite
Mc	microcline	Nic	nickelphosphide	Pek	pekoite	Pwl	powellite
Mic	microlite	Nis	nickelskutterudite	Pn	pentlandite	Prh	prehnite
Mie	miessiite	Nrb	norbergite	Per	periclase	Ptl	pretulite
Mih	miharaite	Nst	norsethite	Prv	perovskite	Prm	prismatine
Mil	milarite	Nsn	nosean	Prr	perrierite	Prs	proustite
Mlr	millerite	Obt	oberthürite	Prt	pertlikite	Psm	pseudomalachite
Mim	mimetite	Oft	oftedalite	Pet	petalite	Pss	pseudosinhalite
Min	minnesotaite	Ojl	ojuleaite	Pv	petrovicite	Pmp	pumpellyite
Mtd	mitridatite	Ol	olivine*	Ptk	petrukite	Put	putoranite
Mlb	molybdenite	Old	oldhamite	Ptz	petzite	Pyg	pyrargyrite
Mnz	monazite	Omp	omphacite	Pha	pharmacosiderite	Py	pyrite
Mon	moncheite	Orc	orcelite	Phk	phenakite	Pya	pyroaurite
Mnb	montbrayite	Orp	orpiment	Phg	phengite	Pcl	pyrochlore
Mbr	montebrasite	Or	orthoclase	Phl	phlogopite	Pyc	pyrochroite

Pyl	pyrolusite	Rcl	roscoelite	Sck	sicklerite	Std	stibiopalladinite
Pym	pyromorphite	Rsm	rossmanite	Sd	siderite	Sbn	stibnite
Prp	pyrope	Rua	ruarsite	Sid	siderophyllite	Stb	stilbite
Pyf	pyrophanite	Ruk	rucklidgeite	Sie	siegenite	Sll	stilleite
Prl	pyrophyllite	Rsb	rustenburgite	Shk	shirokshinite	Stw	stillwaterite
Pxm	pyroxmangite	Rus	rustumite	Sil	sillimanite	Stp	stilpnomelane
Po	pyrrhotite	Rt	rutile	Ag	silver	Sti	stishovite
Qd	qandilite	Sab	sabatierite	Slv	silvialite	Sto	stornesite-(Y)
Qtz	quartz	Sfl	safflorite	Skp	skippenite	Stg	strengite
Rdk	radtkeite	Sal	saliotite	Skt	skutterudite	Smy	stromeyerite
Rdr	ramdohrite	Sa	sanidine	Sm	smectite	Sns	stronalsite
Rmb	rammelsbergite	Sbb	santabarbaraite	Sob	sobolevskite	Str	strontianite
Rmd	ramsdellite	Sap	saponite	Sdl	sodalite	Stz	stützite
Rnk	rankinite	Spr	sapphirine	Sog	sogdianite	Sug	sugilite
Rsv	rasvumite	Sar	sarcopsidite	Sop	sopcheite	Su	suredaite
Rat	rathite	Sat	sartorite	Sou	souzalite	Syl	sylvanite
Rgr	realgar	Sry	saryarkite-(Y)	Spy	sperryllite	Slv	sylvite
Rdd	reddingite	Scp	scapolite*	Sps	spessartine	Syn	synchysite
Ren	renierite	Scl	scheelite	Sp	sphalerite	Tae	taenite
Rct	richterite	Srl	schorl	Spl	spinel	Tai	tainiolite
Rbk	riebeckite	Slm	schorlomite	Spi	spionkopite	Tlc	talc
Rdz	rhodizite	Sch	schwertmannite	Spd	spodumene	Tlm	talmessite
Rds	rhodochrosite	Scd	scorodite	Spu	spurrite	Tlk	talnakhite
Rdn	rhodonite	Scz	scorzalite	Stk	staněkite	Tnt	tantalite
Rhs	rhodostannite	Skn	sekaninaite	Stn	stannite	Tnf	tantalite-(Fe)
Rgt	ringwoodite	Se	selenium	Sta	stannoidite	Tnm	tantalite-(Mn)
Rob	robinsonite	Sel	seligmannite	St	staurolite	Tap	tapiolite
Rck	rockbridgeite	Sen	sénarmontite	Stc	steacyite	Tsn	tausonite
Roe	roedderite	Sep	sepiolite	Stl	stellerite	Tav	tavorite
Rmn	romanèchite	Srp	serpentine*	Sph	stephanite	Tei	teinite
Ro	roquesite	Shi	shibkovite	Stf	stibiobetafite	Tel	teallite
Rsc	roscherite	Shu	shuiskite	Stm	stibiomicrolite	Tlu	tellurantimony

Te	tellurium	Trp	triphylite	Wag	wagnerite
Tb	tellurobismuthite	Tp	triploidite	Wai	wairakite
Tn	tennantite	Trg	trogtalite	Wlk	wallkilldellite-(Fe)
Tnr	tenorite	Tro	troilite	Wl	walpurkite
Tep	tephroite	Ts	tschermakite	Wa	watanabeite
Tau	tetra-auricupride	Tsm	tsumoite	Wat	watkinsonite
Tfa	tetra-ferri-annite	Tul	tulameenite	Wst	weissite
Tfp	tetra-ferriphlogopite	Tgs	tungstenite	Wrd	werdingite
Tfpl	tetraferroplatinum	Ty	tyrrellite	Whm	whitmoreite
Ttd	tetradymite	Tyu	tyuyamunite	Wil	willemite
Td	tetrahedrite	Usp	ulvöspinel	Wth	witherite
Thl	thalcusite	Um	umangite	Wtc	wittichenite
Thn	thénardite	Urn	uraninite	Wdg	wodginite
Thm	thomsonite	Umc	uranmicrolite	Wo	wollastonite
Tho	thorianite	Ubt	uranobetafite	Wul	wulfenite
Thr	thorite	Urp	uranophane	Wtz	wurtzite
Thu	thorutite	Uv	uvarovite	Wus	wüstite
Tmn	tiemannite	Uvt	uvite	Wyl	wyllieite
Til	tilleyite	Uyt	uytenbogaardtite	Xnt	xenotime
Ttn	titanite	Va	vaesite	Yar	yarrowite
Toe	tooeleite	Val	valleriite	Ytt	yttrialite-(Y)
Toz	topaz	Var	variscite	Yuk	yukonite
Tor	torbernite	Vr	varulite	Znc	zincite
Trs	törnroosite	Vrm	vermiculite	Znw	zinnwaldite*
Tur	tourmaline*	Ves	vesuvianite	Zrn	zircon
To	toyohaite	Vtm	viitaniemiite	Zrc	zirconolite
Trb	trabzonite	Vin	vinciennite	Zo	zoisite
Tra	trattnerite	Vio	violarite	Zou	zoubekite
Tr	tremolite	Vlt	voltaite	Zun	zunyite
Trd	tridymite	Vol	volynskite	Zv	zvyagintsevite
Tln	trilithionite	Von	vonsevite		
Tne	trinepheline	Vsk	vysotskite		

* 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 the list contains only those mineral names that are sanctioned by the International Mineralogical Association.

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