

ANEXO 1.1.a - ABREVIATURAS DE LOS MINERALES TRATADOS

ANEXO 1.1.a - Abreviaturas_TODOS (Mena y ganga)- ALL minerals			
Abreviatura	Nombre	Name	Observaciones
aag	Allargentum	Allargentum	+
ab	Albita	Albite	gg
ac	Acantita	Acanthite	+
adu	Adularia	Adularia	gg
Ag	Plata	Silver	+
agl	Aguilarita	Aguilarite	+
agp	Argentopirita	Argentopyrite	+
aik	Aikinita	Aikinite	cf bm
alb	Alabandita	Alabandite	+
alc	Alodasita	Alloclasite	cf cob
alt	Altaíta	Altaite	
am, (amal)	Amalgama	Amalgam	+
amb	Ambligonita	Amblygonite	cf Phos
an	Anortita	Anorthite	gg
ana	Anatasa	Anatase	+
anbg	Annabergita	Annabergite	gg
Anf, Amp	Anfibol (Grupo)	Amphibole (Group)	gg
ang	Anglesita	Anglesite	gg
anh	Anhidrita	Anhydrite	gg
anil	Anilita	Anilite	cf cc, dg
ank	Ankerita	Ankerite	gg
ap	Apatito	Apatite	gg
Arc	Arcilla	Clay	gg
arg	Argentita	Argentite	+
As	Arsénico	Arsenic	+
asb	Asbolana	Asbolane	
asp	Arsenopirita	Arsenopyrite	+
Au	Oro	Gold	+
<i>ausi</i>	<i>Plata áurea Ag-Au</i>	<i>Aurian silver Ag-Au</i>	<i>cf el</i>
az	Azurita	Azurite	+
bad	Baddeleyita	Baddeleyite	
bar	Barita	Barite	gg
baux	Bauxita	Bauxite	
Bi	Bismuto	Bismuth	+
bim	Bismita	Bismite	gg
bio	Biotita	Biotite	gg
bis	Bismutita	Bismutite	gg
bk	Brookita	Brookite	gg
bl	Boulangerita	Boulangerite	+

bm	Bismutinita	Bismuthinite	+
bn	Bornita	Bornite	+
bnn	Bournonita	Bournonite	+
bra (br)	Braunita	Braunite	+
brg	Braggita	Braggite	cf erl
bri	Briartita	Briartite	cf ren
brt	Berthierita	Berthierite	+
brv	Bravoíta	Bravoite	+
bst, (bas)	Bastnäsita	Bastnäsite	+
bth	Breithauptita	Breithauptite	+
buk	Bukovita	Bukovite	
bzl	Berzelianita	Berzelianite	cf dg
cag	Clorargirita	Chlorargyrite	+
calc	Calcita	Calcite	gg
car	Carrolita	Carrollite	cf ln
Carb	Carbonato (Clase)	Carbonate (Class)	
cb	Columbita	Columbite	cf cbt
cbn	Cubanita	Cubanite	+
cbt	Columbotantalita	Columbotantalite	+
cc	Calcocita = Calcosina	Chalcocite	+
ccp	Calcopirita	Chalcopyrite	+
cerv	Cervantita	Cervantite	cf ocrs Sb
ch	Chert	Chert	gg
Chl	Clorita (Serie)	Chlorite (Series)	gg
chr	Cromita	Chromite	+
cin	Cinabrio	Cinnabar	+
cld	Calcedonia	Chalcedony	cf q
cloa	Cloantita	Chloanthite (disc. IMA)	cf sk
clt (cla)	Clausthalita	Clausthalite	+
clv	Calaverita	Calaverite	+
CM, MArc	Minrls Arcillosos (Grupo)	Clay Minerals (Group)	gg
cob	Cobaltita	Cobaltite	+
coh	Cohenita	Cohenite	cf Fe
colo (cld)	Coloradoíta	Coloradoite	+
COM	Carbón-Materia Orgánica	Coal-Organic Matter	cf gg & gra
cor	Corindón	Corundum	gg
cos	Cosalita	Cosalite	+
cpr	Cooperita	Cooperite	cf erl
crc	Crisocola	Chrysocolla	+
crg	Cerargirita	Cerargyrite	cf cag
crn	Coronadita	Coronadite	cf rom, psi
crs	Cerusita	Cerussite	cf gn
cry	Criptomelana	Cryptomelane	+
cst (cs)	Casiterita	Cassiterite	+
cta	Calciotantita	Calciotantite	cf mlt, pyc

ctt	Cattierita	Cattierite	cf brv
Cu	Cobre	Copper	+
cup	Cuprita	Cuprite	+
cv	Covellita	Covellite	+
cyl	Cilindrita	Cylindrite	cf F 41.04
dg	Digenita	Digenite	+
dju (dj)	Djurleita	Djurleite	cf cc, dg
dol	Dolomita	Dolomite	gg
dom	Domeiquita	Domeykite	
dy	Discrasita	Dyscrasite	+
el	Electrum	Electrum	+
en	Enargita	Enargite	+
Ep	Epidota (Grupo)	Epidote (Group)	gg
erl	Erlichmanita	Erlichmanite	+
ery	Eritrina	Erythrite	gg
eug	Eugenita	Eugenite	cf am, aag
eux	Euxenita	Euxenite	cf REE
fb	Ferberita	Ferberite	cf wf
fbg	Freibergita	Freibergite	cf td
Fe	Hierro	Iron	+
fkf (fk)	Franklinita	Franklinite	+
fl	Fluorita	Fluorite	gg
flb	Freieslebenita	Freieslebenite	+
fle	Fletcherita	Fletcherite	cf ln
flk	Falkmanita	Falkmanite	cf bl
fm	Famatinita	Famatinite	+
Fs, Felds	Feldespato (Grupo)	Feldspar (Group)	gg
fse	Ferroselita	Ferroselite	cf clt, um
FSlc, PSlc	Filosilicatos (Subclase)	Phyllosilicates (Subclass)	gg
gal	Galita	Gallite	
gc	Geocronita	Geocronite	+
ger	Germanita	Germanite	cf ren
gf	Gersdorffita	Gersdorffite	+
gg	Ganga (indif.)	Gangue (undif.)	gg
gk	Greenockita	Greenockite	gg
gld	Glaucodoto	Glaucodot	+
gln	Glaucanita, Glauconia	Glaucanite	gg
gn	Galena	Galena	+
gnb	Galenobismutina	Galenobismuthite	
gos	Gossan	Gossan	cf lim
gra	Grafito	Graphite	+
grg	Greigita	Greigite	cf ln
grt	Granate (Grupo)	Garnet (Group)	gg
gth	Goethita	Goethite	+
gtt	Gratonita	Gratonite	+

gud (gd)	Gudmundita	Gudmundite	+
hb	Hornblenda	Hornblende	gg
Hg	Mercurio	Mercury (Quicksilver)	cf cin
hol	Hollandita	Hollandite	cf psi
hrb	Horobetsuita	Horobetsuite	cf bm
hs	Hausmanita	Hausmannite	
hss	Hessita	Hessite	cf Tel
ht	Hematites	Hematite	+
htg	Heterogenita	Heterogenite	
hub	Hübnerita	Hübnerite	cf wf
il	Ilmenita	Ilmenite	+
ili	Illita	Illite	gg
ilr	Ilmenorutilo	Ilmenorutile	+
Ir	Iridio	Iridium	+
iros	Osmiridio (desacred.)	Iridosmine (discredited)	cf Os, Ir
isc	Isocubanita	Isocubanite	+
ix	Ixiolita	Ixiolite	cf rt (F13-14)
jac	Jacobsita	Jacobsite	+
jar	Jarosita	Jarosite	cf lim
jas	Jaspe	Jasper	gg
jd	Jordanita	Jordanite	+
jl	Jalpaíta	Jalpaite	cf Sulf
jm	Jamesonita	Jamesonite	+
ker, (km)	Kermesita	Kermesite	+
Kfs	Feldespató Potásico	K Feldspar	gg
ko	Kobellita	Kobellite	
krn	Krennerita	Krennerite	+
ks	Kësterita	Kësterite	cf stn
kut	Kutinaita	Kutinaite	
lcx	Leucoxeno	Leucoxeno	cf ana...(gg)
ldw	Ludwigita	Ludwigite	cf von
lgs	Langisita	Langisite	
lim, lm	Limonita	Limonite	+
ln	Linneíta	Linnaeite	+
lo	Löllingita	Löllingite	+
lor	Lorandita	Lorandite	
lpc	Lepidocrocita	Lepidocrocite	+
lph	Litioforita	Lithiophorite	
lrt	Laurita	Laurite	cf erl
lz	Luzonita	Luzonite	+
M-min-mnl	Mineral (indif.)	Mineral (undiff.)	
m1, m2.....	M no identificado	M not identified	
mag	Magnesita	Magnesite	cf Carb, calc
mau	Maucherita	Maucherite	+
mc	Marcasita	Marcasite	+

mch	Malaquita	Malachite	+
mcin	Metacinabrio	Metacinnabar	cf cin
mck	Mackinawita	Mackinawite	+
mg	Maghemita	Maghemite	+
Mica	Mica (Grupo)	Mica (Group)	gg
ml	Millerita	Millerite	+
mln	Melnicovita	Melnicovite	cf py
mlt	Microlita	Microlite	cf pyc
mng	Manganita	Manganite	+
mngn	Manganosite	Manganosite	
mobg	Moschellandsbergita	Moschellandsbergite	cf am
mol	Molibdenita	Molybdenite	+
msbt	Metastibnita	Metastibnite	cf sbt
mt, (mg)	Magnetita	Magnetite	+
mv, mus	Moscovita	Muscovite	gg
my	Miargirita	Miargyrite	+
mz	Monazita	Monazite	+
nau	Naumannita	Naumannite	+
nc, (nk)	Niquelita, Niquelina	Nickeline, Niccolite	+
Oanf, Oamp	Ortoanfíbol (Grupo)	Orthoamphibole (Gr.)	gg
ocm	Oxicalciomicrolita	Oxycalciumicrolite	cf mlt, bim
Ocre	Ocres	Ochre, Ocher	cf Óxidos
OM	Materia Orgánica	Organic Matter	gg
OpM	Minerales Opacos	Opaque Minerals	
Opx	Ortopiroxeno (Grupo)	Orthopyroxene (Gr.)	gg
or	Ortoclase, ortosa	Orthoclase	gg
orp, op	Oropimente	Orpiment	+
Os	Osmio	Osmium	+
ov	Olivino (Serie)	Olivin (Series)	gg
pc	Pearceíta	Pearceite	+
pch	Pechblenda	Pitchblende	cf urn
Pd	Paladio	Palladium	cf PGE
pdm	Polidimita	Polydymite	cf In
PGE	Elementos Gr. Platino	Platinum Group Elements	cf Pt, Os, Ir
PGM	Minrls. Grupo Platino	Platinum Group Minerals	cf spy
Phos	Fosfato	Phosphate	gg
pie	Piemontita	Piemontite	cf bra
Plag	Plagioclase (Grupo)	Plagioclase (Series)	gg
plb	Polibasita	Polybasite	+
pn	Pentlandita	Pentlandite	+
po	Pirrotita (Pirrotina)	Pyrrhotite	+
poli	Polianita	Polianite	cf prl
prg	Pirargirita	Pyrargyrite	+
prl	Pirolusita	Pyrolusite	+

prm	Pararammelsbergita	Pararammelsbergite	+
pru	Proustita	Proustite	+
psi	Psilomelana	Psilomelane	+
Pt	Platino	Platinum	+
pvk	Perovskita	Perovskite	gg
Px, Pyx	Piroxeno (Grupo)	Pyroxene (Group)	gg
py	Pirita	Pyrite	+
pyc (pyl)	Pirocloro	Pyrochlore	+
pypm	Piromorfita	Pyromorphite	gg
pyst	Pirostilpnita	Pyrostilpnite	cf prg
q, (qz, qtz)	Cuarzo	Quartz	gg
rdl	Ramsdellita	Ramsdellite	+
REE, (ETR)	Tierras Raras (Elemnts de)	Rare Earth Elements	
ren	Renierita	Renierite	+
rhc	Rodocrosita	Rhodochrosite	gg
rhn	Rodonita	Rhodonite	gg
rl	Rejalgar	Realgar	+
rm	Rammelsbergita	Rammelsbergite	+
rob	Robinsonita	Robinsonite	
rom	Romanechita	Romanechite	+
rt	Rutilo	Rutile	+
ruiro	Ruteniridosmina	Rutheniridosmine	cf Os, Ir
ryn	Rynersonita	Rynersonite	cf mlt, pyc
S	Azufre	Sulfur	gg
Sb	Antimonio	Antimony	+
sba	Stibarsen	Stibarsen	+
sbl	Estibioluzonita	Stibioluzonite	cf fm
sbt	Estibina, Antimonita	Stibnite	+
sch	Scheelita	Scheelite	+
sco	Escorodita	Scorodite	gg (cf asp)
Sel	Seleniuros	Selenides	cf nau, um
sen	Senarmontita	Sénarmontite	cf ocrs Sb
ser	Sericita	Sericite	gg
sf	Safflorita	Safflorite	+
sg	Siegenita	Siegenite	cf ln
Sic	Sílice	Silica	cf q
sid, (sd)	Siderita	Siderite	cf Carb
sk	Skutterudita	Skutterudite	+
sl	<i>sensu lato</i>	<i>sensu lato</i>	
Slc	Silicato (Clase)	Silicate (Class)	gg
smal	Esmaltina	Smaltite (≈sk)	cf sk
sms	Smithsonita	Smithsonite	gg
smtt	Smithita	Smithite	cf Ss
snr	Schachnerita	Schachnerite	cf am, F stm8
sp	Esfalerita	Sphalerite	+

spk	Spionkopita	Spionkopite (Blaubl. cv)	cf cv &F dg1-2
spn	Espinela	Spinel	+
spy	Sperrylita	Sperrylite	+
srp	Serpentina	Serpentine	gg
Ss	Sulfosal	Sulphosalt	
stb	Sternbergita	Sternbergite	+
stm	Stromeyerita	Stromeyerite	+
stn	Estannita	Stannite	+
stnd	Estannoidita	Stannoidite	
stp	Stephanita	Stephanite	+
Sulf	Sulfuro	Sulfide	
sx	Souxita	Souxite	cf cst
syl (sv)	Silvanita	Sylvanite	cf Tel
tan (tt)	Tantalita	Tantalite	cf cbt
td	Tetraedrita	Tetrahedrite	+
tdy	Tetradimita	Tetradymite	cf Tel
Te	Teluro	Tellurium	+
Tel (Tell)	Teluro (Grupo)	Telluride (Group)	
tit	Titanita	Titanite	+
tlk	Talnakhita	Talnakhita	cf ccp
tn	Tennantita	Tennantite	cf td
tno	Tenorita	Tenorite	
tod	Todorokita	Todorokite	
tp, (tap)	Tapiolita	Tapiolite	+
tr (tro)	Troilita	Troilite	cf po, Fe
tur	Turmalina	Tourmaline	gg
ul	Ullmannita	Ullmannite	+
ulv	Ulvöespinela (Ulvita)	Ulvöspinel (Ulvite)	+
um	Umangita	Umangite	+
urn	Uraninita	Uraninite	+
vae	Vaesita	Vaesite	cf ctt
val	Valentinita	Valentinite	cf ocrs Sb
van	Vanadinita	Vanadinite	gg, cf vanad.
vio	Violarita	Violarite	cf ln
vll	Valleriita	Valleriite	+
von	Vonsenita	Vonsenite	gg
wf	Wolframita	Wolframite	+
wil	Willemita	Willemite	cf Slc
wz	Wurtzita	Wurtzite	+
xan	Xantoconita	Xanthoconite	cf pru
xtm	Xenotimo	Xenotime	cf Phos
Zeo	Zeolita (Grupo)	Zeolite (Group)	gg
zir	Circón (Zircón)	Zircon	gg
zk	Zinkenita	Zinkenite	cf Ss
znc	Zincita	Zincite	gg (cf fkl)

	Otros nombres	Other names	Observaciones
	Allemontita	Allemontite	cf sba
	Antimonita	Antimonite	cf sbt
	Blenda	Blende	cf sp
	Calcopirrotita	Chalcopyrrhotite	cf isc
	Holandita	Hollandite	cf rom, psi
	Martita	Martite	cf ht, mt
	Mispíquel	Mispickel	cf asp
	Polianita	Polianite	cf prl
	-	Schalenblende	cf sp
	Esfena (ver: Titanita)	Sphene (see: Titanite)	cf tit
	Acero	Steel	cf Fe
	Struverita	Strüverite	cf rt
	Ulvita	Ulvite	cf ulv