

iacinctus = corundum, de Fourestier 159 (1999).  
iacotinga = quartz + gold + hematite, de Fourestier 159 (1999).  
ialite = colorless opal-CT, Zirlin 68 (1981).  
ianthinite (Bignand) = wyartite, AM 40, 943 (1955).  
ianthite = ianthinite, English 109 (1939).  
iaspachates = blue-green banded quartz-mogánite mixed-layer, Dana 6th, 189 (1892).  
iaspis = red massive Fe-rich quartz, Dana 6th, 188 (1892).  
Iatrium-Mesotyp = natrolite, LAP 33(3), 8 (2008).  
Iberit (Svanberg) = muscovite + biotite pseudomorph after cordierite, Dana 6th; 421, 621 (1892).  
iberite (Schlegelmilch) = zeolite, Chester 132 (1896).  
ibitiarite = unknown, Atencio 92 (2000).  
ice (antarctic) = ice-Ic, Lima-de-Faria 257 (1994).  
ice- $\alpha$  = ice-Ih, MA 8, 9 (1941).  
ice- $\beta$  = unstable H<sub>2</sub>O, MA 8, 9 (1941).  
ice-8 = synthetic H<sub>2</sub>O, Aballain *et al.* 164 (1968).  
ice-I = ice-Ih, Clark 319 (1993).  
ice-Ic = low temperature H<sub>2</sub>O, Strunz & Nickel 183 (2001).  
ice II = high-pressure H<sub>2</sub>O, AM 80, 1304 (1995).  
ice III = high-pressure H<sub>2</sub>O, MA 21, 187 (1970).  
ice IV = metastable H<sub>2</sub>O, AM 80, 1304 (1995).  
ice V = high-pressure H<sub>2</sub>O, AM 80, 1304 (1995).  
ice VI = high-pressure H<sub>2</sub>O, MM 64, 1089 (2000).  
ice VII = high-pressure H<sub>2</sub>O, MM 64, 1089 (2000).  
ice-VIII = synthetic H<sub>2</sub>O, MA 10, 334 (1948).  
Ice Dragon = 22 cm. pale-green gem Fe<sup>2+</sup>-rich beryl, Cornejo & Bartorelli 477 (2010).  
Iceland agate = obsidian (lava), Chester 132 (1896).  
Iceland crystal = transparent calcite, Bates & Jackson 326 (1987).  
Icelandic spar = transparent calcite, Bukanov 259 (2006).  
Iceland spar = transparent calcite, Dana 6th, 266 (1892).  
ice spar = sanidine, Dana 6th, 1118 (1892).  
ice-stone = cryolite, Dana 6th, 168 (1892).  
Ichthyophthal[a]mit = apophyllite, Doelter IV.3, 1133 (1931).  
ichthyophthalme = apophyllite, Haüy III, 191 (1822).  
Ichthyophthalmit = apophyllite, Dana 6th, 566 (1892).  
ichthyopphthalmite = apophyllite, Clark 34 (1993).  
Ichthyphthalm = apophyllite, Kipfer 99 (1974).  
ichtioftalm(it) = apophyllite, László 112 (1995).  
ichtiophtalm = apophyllite, Bukanov 222 (2006).  
ichtyophtalme = apophyllite, Aballain *et al.* 165 (1968).  
Ictyophthalm = apophyllite, Goldschmidt IX text, 181 (1923).  
ichtyophthalmite = apophyllite, Cornejo & Bartorelli 44 (2010).  
ictioftalmitta = apophyllite, Novitzky 163 (1951).  
icy jade = white jadeite, GJ 16(5), 11 (2007).  
icy quartz = blue transparent quartz, Bukanov 116 (2006).  
idaite = Fe-rich covellite ?, AM 48, 672 (1963); EJM 15, 1063 (2003).  
iddingita = goethite + chlorite + quartz pseudomorph after olivine, de Fourestier 159 (1999).  
iddingsite = goethite + chlorite + quartz pseudomorph after olivine, Deer *et al.* 1A, 170 (1982).  
idigolite = elbaite, de Fourestier 159 (1999).  
idiocrasio = vesuvianite, Zirlin 69 (1981).

idobromite = bromargyrite, Dana 7th II, 11 (1951).  
idocraas = vesuvianite, Zirlin 68 (1981).  
idocrasa = vesuvianite, Zirlin 67 (1981).  
idocrase = vesuvianite, AM 72, 1039 (1987).  
idocrase cuprifère = Cu-rich vesuvianite, Egleston 360 (1892).  
idocrasio = vesuvianite, Zirlin 68 (1981).  
idokraas = vesuvianite, Zirlin 68 (1981).  
Idokras = vesuvianite, Hintze II, 277 (1890).  
idokrász = vesuvianite, László 112 (1995).  
idokráz = vesuvianite, László 310 (1995).  
Idol's Eye = large diamond, MA 54, 2771 (2003).  
idorcastorite = stilbite + petalite + mica + quartz ± montmorillonite, Strunz & Nickel 788 (2001).  
idrargillite = gibbsite, Clark 320 (1993).  
idrazite = Al-rich botryogen, Chester 132 (1896).  
idrialine (original spelling) = idrialite, Dana 6th, 1013 (1892).  
idrialine cinnabar = cinnabar + idrialite + clay, Egleston 85 (1892).  
Idrialith = idrialite + cinnabar + clay, Strunz 537 (1970).  
idriatine = idrialite, Chester 132 (1896).  
Idrilin = idrialite + cinnabar + clay, Dana 7th I, 253 (1944).  
Idrizit = Al-rich botryogen, Dana 7th II, 618 (1951).  
idroboobomkulite = hydromboobomkulite, MM 50, 747 (1986).  
idrocastorite = stilbite + petalite + mica + quartz ± montmorillonite, Dana 6th, 312 (1892).  
idrociانو = chalcocyanite, Dana 6th, 912 (1892).  
idroclorato di calce in piccola dose = chlorocalcite, Dana 7th II, 91 (1951).  
idro-crisotilo = chrysotile-2M<sub>Cl</sub> + lizardite, Papp 39 (2004).  
idrodociano = chalcocyanite, Hey 462 (1962).  
idrodoomite = hydromagnesite ± calcite, Clark 320 (1993).  
idrofilite = antarcticite or sinjarite ?, Clark 320 (1993).  
idrofluore = HF gas, Dana 6th, 169 (1892).  
idrogioobertite = hydromagnesite + calcite, Dana 6th, 305 (1892).  
idrogrossularia = (OH)-rich grossular, CISGEM (1994).  
idromagnesite = hydromagnesite, Clark 320 (1993).  
idromagnocalcite = hydromagnesite ± calcite, Clark 320 (1993).  
idromelanotallite = synthetic Cu<sub>2</sub>(OH)<sub>2</sub>Cl<sub>2</sub>·H<sub>2</sub>O, Dana 7th II, 77 (1951).  
idroromeite = hydromoméite, AM 19, 35 (1934).  
idrozoinkite = hydrozoinkite, Zirlin 68 (1981).  
idrozoinkite = hydrozoinkite, Hey 463 (1962).  
idryl = synthetic C<sub>21</sub>H<sub>11</sub>, Doelter IV.3, 979 (1931).  
ieknite = Ni-rich iron (meteorite), Chester 132 (1896).  
iena = quartz, de Fourestier 159 (1999).  
ienita = ilvaite, de Fourestier 159 (1999).  
ieschm = actinolite or tremolite or jadeite, Bukanov 256 (2006).  
iftisite = yftisite-(Y), MM 46, 519 (1982).  
iftiszit-(Y) = yftisite-(Y), László 112 (1995).  
igalikite = analcime + muscovite-1M pseudomorph after nepheline, AM 44, 1329 (1959); 49, 223 (1964).  
Igestit = glass (tektite), Kipfer 99 (1974).  
igdloite = lueshite, AM 49, 223 (1964).  
igdolite = lueshite, Strunz & Nickel 788 (2001).  
Igelsiasit = Zn-rich cerussite, Goldschmidt IX text, 181 (1923).  
igelströmite (Hedde) = pyroaurite, Dana 6th, 256 (1892).

igelstromite (Heddle) = pyroaurite, MM 2, 108 (1878).  
Igelströmit (Weibull) = Mn-rich fayalite, MM 25, 633 (1940).  
igelstromite (Weibull) = Mn-rich fayalite, Aballain et al. 165 (1968).  
igiada = actinolite or jadeite, Egleston 14 (1892).  
iglésiasite = Zn-rich cerussite, Dana 6th, 288 (1892).  
Iglit = blue-green aragonite, Dana 6th, 281 (1892).  
Igloit = blue-green aragonite, Dana 6th, 281 (1892).  
Igmard = synthetic green gem beryl, Read 116 (1988).  
Igmard = synthetic green gem beryl, MM 24, 613 (1937).  
ignafieffite = alunite?, Clark 321 (1993).  
ignatieffite = alunite?, Chester 132 (1896).  
ignatievite = alunite?, Dana 6th, 976 (1892).  
Ignatiewit = alunite?, Dana 6th, 976 (1892).  
ignatyevit = alunite?, László 112 (1995).  
ignicolorite = synthetic  $\text{FeS}_2 \cdot 0.7\text{CaCO}_3 \cdot 2.8\text{H}_2\text{O}$ , Pekov 368 (1998).  
ignited ningyoite = synthetic  $\text{CaU}(\text{PO}_4)$ , PDF 12-279.  
igumnovite = synthetic  $\text{Ca}_3\text{Al}_2(\text{SiO}_4)_2\text{Cl}_4$ , AM 82, 1038 (1997).  
Ihleit = copiapite?, AM 8, 15 (1923).  
I.-8-I. = acid-treated montmorillonite, Robertson 20 (1954).  
Iianthinit = ianthinite, Chudoba EII, 170 (1954).  
iidateite = unknown, IMA 1990-034, 1992-007.  
iimoriite = iimoriite-(Y), AM 72, 1042 (1987).  
iimori jade = glass, O'Donoghue 829 (2006).  
iimori-stone = glass, MM 39, 930 (1974).  
iivaarite = schorlomite, Doelter IV.3, 998 (1931).  
iivarik = schorlomite, Kipfer 178 (1974).  
iivarite = schorlomite, Kipfer 178 (1974).  
Iiwaarit = schorlomite, Dana 6th, 1038 (1892).  
ijada = actinolite or jadeite, Egleston 14 (1892).  
ijzer = iron, Zirlin 68 (1981).  
ijzerspaat = siderite, Zirlin 100 (1981).  
ikoenoliet = joséite, Council for Geoscience 762 (1996).  
Ikosaedrit = icosaedrite, LAP 36(2), 44 (2011).  
ikosielalkohol =  $\text{C}_{20}\text{H}_{41}(\text{OH})$ , Council for Geoscience 755 (1996).  
Iksiolit = ixiolite, Chudoba EIV, 82 (1974).  
Ilbait = allophane, CM 44, 1559 (2006).  
Ildefonsit = tantalite, Dana 6th, 731 (1892).  
ildeforsite = tantalite, Hey 88 (1963).  
iler-I = synthetic Na-Si-O-H, MM 43, 1061 (1980).  
iler-II = synthetic Na-Si-O-H, MM 43, 1061 (1980).  
iler-III = synthetic Na-Si-O-H, MM 43, 1061 (1980).  
iler-IV = synthetic Na-Si-O-H, AM 64, 800 (1979).  
ilimaussite = ilímaussite-(Ce), AM 72, 1042 (1987); MR 39, 133 (2008)..  
iliminite = ilmenite, Strunz & Nickel 789 (2001).  
illhydromica = illite-montmorillonite mixed-layer, Hey 463 (1962).  
illidromica = illite-montmorillonite mixed-layer, AM 35, 334 (1950).  
illite series = K-deficient muscovite, AM 22, 816 (1937).  
illite(Al) = illite, AM 74, 1030 (1989).  
illite( $\text{Fe}^{2+}$ ) =  $\text{Fe}^{2+}$ -rich illite, AM 74, 1030 (1989).  
illite( $\text{Fe}^{3+}$ ) =  $\text{Fe}^{3+}$ -rich illite, AM 74, 1030 (1989).  
illite( $\text{Fe}^{3+}, \text{Mg}$ ) =  $\text{Fe}^{3+}$ -Mg-rich illite, AM 74, 1030 (1989).  
illite ferrifère = glauconite, ECGA 5, 109 (2002).  
illite-hydromica = illite-montmorillonite mixed-layer, MM 29, 984 (1952).  
illite-idromica = illite-montmorillonite mixed-layer, MM 29, 984 (1952).

illite(Mg) = Mg-rich illite, AM 74, 1030 (1989).  
illite/semectite = illite-montmorillonite mixed-layer, MJJ 15, 240 (1991).  
illite trioctaédrique ferromagnésienne = hydrobiotite, Caillère & Hénin 319 (1963).  
illitidromiche = illite-montmorillonite mixed-layer, Clark 322 (1993).  
illiti-idromiche = illite-montmorillonite mixed-layer, MM 29, 984 (1952).  
illitklorit = illite-chlorite mixed-layer, László 112 (1995).  
Illuderit = green zoisite, Dana 6th, 513 (1892).  
ilmaikite = ilmajokite, MM 39, 915 (1974).  
Ilmajokit = ilmajokite, Chudoba EIV, 41 (1974).  
ilmenitcsillám = ilmenite, László 112 (1995).  
ilmenite (Brooke) = columbite-(Fe), Dana 6th, 737 (1892).  
Ilmenitglimmer = ilmenite, MM 14, 400 (1907).  
Ilmenitrose = ilmenite, Kipfer 179 (1974).  
ilméno-corindon = ferrohögbomite, MM 25, 632 (1940).  
ilméno-corundum = ferrohögbomite, MM 25, 632 (1940).  
ilménohematite = Ti-rich hematite, MJJ 12, 351 (1985).  
Ilmenokorund = ferrohögbomite, Chudoba EII, 178 (1954).  
ilménomagnetite = Ti-rich magnetite + ilmenite, AM 39, 318 (1954).  
ilménorutilo = Nb-Fe-bearing rutile, de Fourestier 160 (1999).  
ilménorutile = Nb-Fe-bearing rutile, CM 44, 1559 (2006).  
ilminite = ilmenite, MM 40, 908 (1976).  
ilsemannite (questionable) = Mo-O-H, Strunz & Nickel 789 (2001); PDF 28-574.  
image stone = talc or massive pyrophyllite, Read 117 (1988).  
imanite = synthetic garnet  $\text{Ca}_3\text{Ti}_2[\text{SiO}_4]_3$  ?, AM 44, 907 (1959).  
imatrakő = clay + calcite, László 139 (1995).  
Imatrastein = clay + calcite, Clark 323 (1993).  
imatra stone = clay + calcite, Bates & Jackson 329 (1978).  
imerinite = magnesio-arfvedsonite, AM 63, 1050 (1978).  
imgreite = Pd-Sb-free hexatestibiopanickeleite, AM 49, 1151 (1964); 51, 1825 (1966).  
imitérite = imiterite, MR 39, 134 (2008).  
inma = goethite, de Fourestier 160 (1999).  
immature turquoise = malachite, Bukanov 164 (2006).  
impactite = glass (tektite), MA 8, 63 (1941).  
impaktit = glass (tektite), László 113 (1995).  
imperfect corundum = corundum, Egleston 94 (1892).  
Imperial = diamond, Hintze I.1, 37 (1898).  
Imperial Clay = dark kaolinite + quartz + illite ?, Robertson 20 (1954).  
imperial garnet = pink grossular, O'Donoghue 211 (2006).  
imperial jade (Hart) = quartz ± green actinolite ± mica ± chlorite, AM 12, 388 (1927).  
imperial jade (?) = green Cr-rich jadeite, Schumann 154 (1997).  
imperial Mexican jade = green calcite, Read 118 (1988).  
imperial morganite = dark-red pezzottaite, LAP 31(9), 37 (2006).  
imperial nephrite = actinolite, Bukanov 256 (2006).  
imperial sodden snow jade = white actinolite, Read 118 (1988).  
imperial stone = gem quartz ± mica ± chlorite or jadeite, Bukanov 154, 288 (2006).  
Imperialtopase = pink-orange gem topaz, LAP 20(11), 45 (1995).  
imperial topaz = pink-orange gem topaz, EJM 15, 701 (2003).

imperial yu stone = gem quartz + green actinolite or jadeite, AM 12, 388 (1927).  
imperial' yu yen = serpentine, Bukanov 325 (2006).  
impressed zeolite = apophyllite, Bukanov 222 (2006).  
impoite = hard bitumen, de Fourestier 32 (1994).  
impsonite = hard bitumen, MM 15, 423 (1910).  
Impulse Stone = quartz + glass + liquid crystal, Nassau 279 (1980).  
impure quartz = quartz, Egleston 163 (1892).  
impure topaz = heated yellow gem Fe<sup>3+</sup>-rich quartz, Egleston 280 (1892).  
In-aegirine = synthetic pyroxene NaIn[Si<sub>2</sub>O<sub>6</sub>], AM 53, 1665 (1968).  
inagliit = inaglyite, László 113 (1995).  
Inamori Created Alexandrite = synthetic green gem Cr-rich chrysoberyl, Nassau 246 (1980).  
Inamori (Crescent Vert) Emerald = dark-green gem Cr-V-rich beryl, O'Donoghue 829 (2006).  
Inamori Padparadschah Synthetic Spinel = Cr-Mn-rich spinel, Bukanov 77 (2006).  
inanga = grey actinolite, Hintze II, 1248 (1893).  
In-beryl = synthetic Be<sub>3</sub>In<sub>2</sub>[Si<sub>6</sub>O<sub>18</sub>], AM 53, 1665 (1968).  
Inca emerald = dark-green gem Cr-rich beryl, Webster & Anderson 955 (1983).  
incaite (discredited) = Zn-rich franckeite, EJM 20, 18 (2008).  
incarnat du Languedoc = compact calcite (marble), de Fourestier 160 (1999).  
Inca rose = rhodochrosite, MM 35, 1151 (1966).  
Inca stone = pyrite, Read 118 (1988).  
inciensado = sphalerite, Hintze I.1, 587 (1900).  
incolumita = quartz (sandstone), de Fourestier 160 (1999).  
indiaiachát = gem quartz-mogánite mixed-layer + pyrolusite ± hornblende, László 1 (1995).  
indiaijade = gem quartz ± mica ± chlorite ± hematite, László 116 (1995).  
indiaimacskaszem = chatoyant chrysoberyl, László 165 (1995).  
indiainefrit = gem quartz ± mica ± chlorite ± hematite, László 194 (1995).  
indiaismaragd = synthetic green cracked transparent quartz, László 247 (1995).  
indiaitopáz = blue asteriated gem Fe-Ti-rich corundum or zircon or topaz, László 274 (1995).  
Indian agate = fine-grained banded quartz + pyrolusite, Read 119 (1988).  
indianaite = halloysite-10Å, Dana 6th, 688 (1892).  
indianalit = halloysite-10Å, László 113 (1995).  
Indian cat's eye = chatoyant chrysoberyl, Read 119 (1988).  
Indian chrysolite = olivine, Bukanov 103 (2006).  
Indian diamond = transparent quartz, Bukanov 391 (2006).  
Indian dollar = aragonite, de Fourestier 32 (1994).  
Indian Emerald = synthetic green cracked transparent quartz, Nassau 284 (1980).  
Indian garnet = almandine, Thrush 575 (1968).  
indianite (Cox) = halloysite-10Å, Clark 281 (1993).  
indianite (de Bournon) = anorthite, Dana 6th, 337 (1892).  
Indian jade = gem quartz ± Cr-rich muscovite ± chlorite ± hematite, Read 120 (1988).  
Indian kyanite = kyanite, Thrush 575 (1968).  
Indian nephrite = gem quartz ± Cr-rich muscovite ± chlorite ± hematite, Bukanov 154 (2006).

Indian opal = chatoyant quartz, Bukanov 124 (2006).  
Indian pipestone = muscovite + pyrophyllite, Thrush 575 (1968).  
Indian red = hematite, Egleston 163 (1892).  
Indian sapphire = kyanite, Bukanov 186 (2006).  
Indian topaz = yellow Fe<sup>3+</sup>-rich quartz, AM 12, 387 (1927).  
indica = massive quartz ± red hematite ± brown goethite, Bukanov 292 (2006).  
indicolin = blue gem elbaite, MR 1, 52 (1970).  
indicolite = blue gem elbaite, MM 54, 553 (1990); AM 96, 911 (2011).  
Indighirit = indigirite, Chudoba EIV, 41 (1974).  
indigo-copper = covellite, Dana 6th, 68 (1892).  
Indigokupfer = covellite, Doelter IV.1, 97 (1925).  
Indigolith = blue gem elbaite, Hintze II, 328 (1890).  
Indigosaphir = dark-blue gem Fe-Ti-rich corundum, Doelter III.2, 436 (1922).  
Indigosapphir = dark-blue gem Fe-Ti-rich corundum, Hintze I.2, 1750 (1907).  
indigo tourmaline = blue gem Cu-Mn-rich elbaite, JG 28, 178 (2002).  
indigózafír = dark-blue gem Fe-Ti-rich corundum, László 300 (1995).  
Indikolith = blue gem elbaite, Kipfer 99 (1974).  
indikos kalamos = opal-CT, Bukanov 408 (2006).  
Indischer Achat = fine-grained gem quartz + pyrolusite, Haditsch & Maus 85 (1974).  
Indischer Jade = gem quartz ± mica ± chlorite ± hematite, Haditsch & Maus 85 (1974).  
Indischer Smaragd = gem quartz ± mica ± chlorite ± hematite, Haditsch & Maus 85 (1974).  
Indisches Katzenauge = chrysoberyl, Haditsch & Maus 85 (1974).  
indium aegerine = synthetic pyroxene NaIn[Si<sub>2</sub>O<sub>6</sub>], AM 53, 1663 (1968).  
indium beryl = synthetic Be<sub>3</sub>In<sub>2</sub>[Si<sub>6</sub>O<sub>18</sub>], AM 53, 1663 (1968).  
indium-fluor-eckermannite = synthetic amphibole Na<sub>3</sub>(Mg<sub>4</sub>In)[Si<sub>4</sub>O<sub>11</sub>]<sub>2</sub>F<sub>2</sub>, AM 72, 960 (1987).  
indium grossular = synthetic Ca<sub>3</sub>In<sub>2</sub>[SiO<sub>4</sub>]<sub>3</sub>, AM 53, 1663 (1968).  
indium melanotekite = synthetic Pb<sub>2</sub>In<sub>2</sub>[Si<sub>2</sub>O<sub>9</sub>], AM 53, 1663 (1968).  
indium-pargasite = synthetic amphibole NaCa<sub>2</sub>(Mg<sub>4</sub>In)[(Si<sub>3</sub>Al)O<sub>11</sub>]<sub>2</sub>(OH)<sub>2</sub>, EJM 3, 983 (1991).  
indium thortveitite = synthetic In<sub>2</sub>[Si<sub>2</sub>O<sub>7</sub>], AM 53, 1663 (1968).  
indivisible cerium ore = cerite-(Ce), Egleston 72 (1892).  
indivisible quartz = opal-CT, Chester 133 (1896).  
Indravanaka = diamond, O'Donoghue 73 (2006).  
indochinite = glass (tektite), Dana 7th I, 121 (1944).  
indogo tourmaline = blue gem Cu-Mn-rich elbaite, MA 53, 1579 (2002).  
Indomalaysianit = glass (tektite), Kipfer 99 (1974).  
indosmine = Ir-rich osmium, Thrush 576 (1968).  
indura emerald = glass, Bukanov 369 (2006).  
indurated grey ore of manganese = manganite, de Fourestier 161 (1999).  
indurated marl = calcite, de Fourestier 161 (1999).  
indurated talc = talc, Egleston 336 (1892).  
Inert "C" = kaolinite, Robertson 20 (1954).  
inezit = inesite, László 113 (1995).  
inflammable cinnabar = cinnabar + idrialite + clay, Dana 6th, 1013 (1892).  
inflammable stone = Au-bearing carbonized wood, Papp 30 (2004).

In-fluoro-eckermannite = synthetic amphibole  $\text{Na}_3(\text{Mg}_4\text{In})[\text{Si}_4\text{O}_{11}]_2\text{F}_2$ , AM 84, 107 (1999).

infusible hornstein = red massive quartz-mogánite mixed-layer, Egleston 282 (1892).

infusible hornstone (Dana) = opal-CT, Clark 324 (1993).

infusible hornstone (?) = red massive quartz-mogánite mixed-layer, Egleston 156 (1892).

infusible pechstein = opal-CT, Egleston 239 (1892).

infusorial earth = opal-CT, Dana 6th, 196 (1892).

infusorial silica = opal-CT, Bates & Jackson 335 (1987).

Infusorien-Erde = opal-CT, Hintze I.2, 1508 (1906).

Infusorien-Mehl = opal-CT, Hintze I.2, 1508 (1906).

infuzóriaföld = opal-CT, László 113 (1995).

In garnet = synthetic garnet  $\text{Ca}_3\text{In}_2[\text{SiO}_4]_3$ , AM 53, 1665 (1968).

ingelstromite = pyroaurite, MM 2, 108 (1878).

ingermanland stone = Na-rich anorthite, Bukanov 282 (2006).

ingersonite (Bridge) = calcio-olivine, Clark 324 (1993).

In-grossular = synthetic garnet  $\text{Ca}_3\text{In}_2[\text{SiO}_4]_3$ , AM 53, 1663 (1968).

ingyirit = indigirite, László 113 (1995).

inkaïet = Zn-rich franckeite, Council for Geoscience 762 (1996).

Inka-Rose = rhodochrosite, Kipfer 99 (1974).

inkasmaragd = dark-green gem Cr-rich beryl, László 247 (1995).

Inkastein = pyrite, Clark 324 (1993).

Inkstone = pyrite, Lattice 20(2), 2 (2004).

inky jadeite jade = omphacite + jadeite + kosmochlor, JG 28, 337 (2003).

inky sapphire = dark-blue asteriated gem Fe-Ti-rich corundum, Thrush 580 (1968).

Inlandeis = ice-Ih, Hintze I.2, 1225 (1904).

In-melanotekite = synthetic  $\text{Pb}_2\text{In}_2[\text{Si}_2\text{O}_9]$ , AM 53, 1663 (1968).

innelite-1T = innelite-1A, MM 75, 2495 (2011).

inolite = fine-grained calcite, Dana 6th, 268 (1892).

inophite polysomatic series = carlosturanite, Ferraris *et al.* 265 (2004).

Inoyit = inyoite, Doelter III.2, 1218 (1926).

in ripis lapillos elegantiores et sapphiros reperire est = nosean, Egleston 233 (1892).

in ripis (l.laach) lapillos elegantiores et sapphiros reperire est = nosean, Dana 6th, 432 (1892).

In,Sr-hydrogarnet = synthetic garnet  $\text{Sr}_3\text{In}_2[\text{OH}]_{12}$ , AM 53, 1663 (1968).

Intermediärcordierit = cordierite (partially ordered Al-Si), Chudoba EIII, 162 (1965).

intermediate albite = albite (partially ordered Al-Si), Deer *et al.* IV, 3 (1963).

intermediate cordierite = cordierite (partially ordered Al-Si), AM 54, 1443 (1969).

intermediate germanium albite = synthetic feldspar  $\text{Na}[(\text{AlGe}_3)\text{O}_8]$  (partially ordered Al-Ge), AM 76, 92 (1991).

intermediate microcline = microcline (partially ordered Al-Si), Deer *et al.* IV, 15 (1963).

intermediate plagioclase = Na-rich anorthite, AM 63, 132 (1978).

intermediate pyrrhotite = pyrrhotite-H, AM 58, 440 (1973).

intermediate solid solution = isocubanite, MM 52, 509 (1988).

intermediate zircon = metamict zircon, Deer *et al.* I, 61 (1962).

inverarite = pentlandite + pyrrhotite + pyrite, MM 47, 251 (1983).

Inverell sapphire = pale-blue asteriated gem Fe-Ti-rich corundum, Thrush 587 (1968).  
inverse spinel subgroup = magnesioferrite + ulvöspinel + magnetite, Deer et al. V, 57 (1962).  
inverted pigeonite = orthopyroxene + clinopyroxene, Deer et al. 2A, 175 (1978).  
inylchekite (Pautov) = hejtmanite, LAP 14(10), 36 (1989).  
iochroite = violet tourmaline, AM 6, 70 (1921); 96, 911 (2011).  
Iochroitt = violet tourmaline, Chudoba EII, 728 (1960).  
iocite = wüstite, MM 39, 915 (1974).  
iodargyre = iodargyrite, Egleston 163 (1892).  
iodargyte = iodargyrite, Clark 325 (1993).  
iodatacamite = synthetic  $\text{Cu}_2\text{I}(\text{OH})_3$ , MM 33, 1138 (1964).  
iodate of calcium = lautarite, Dana 6th, 1040 (1892).  
iodate-de-calcium = lautarite, Aballain et al. 167 (1968).  
Iodbotallackit = synthetic  $\text{Cu}_2\text{I}(\text{OH})_3$ , MM 33, 1138 (1964).  
iodcarnallite = synthetic  $\text{KMgI}_3 \cdot 6\text{H}_2\text{O}$ , Clark 325 (1993).  
iodchromate = dietzeite, Chester 134 (1896).  
iodembolite = I-Cl-rich bromargyrite, MM 13, 176 (1902).  
iodic mercury = coccinite, Chester 134 (1896).  
iodic quicksilver = coccinite, Dana 6th, 1118 (1892).  
iodic silver = iodargyrite, Dana 6th, 160 (1892).  
iodide of magnesium = synthetic  $\text{MgI}_2$ , Egleston 163 (1892).  
iodide of mercury = coccinite, Egleston 89 (1892).  
iodide of sodium = synthetic  $\text{NaI}$ , Egleston 163 (1892).  
iodide of zinc = unknown or synthetic  $\text{ZnI}_2$ , Egleston 163 (1892).  
iodiferous lead = unknown, MM 1, 87 (1877).  
iodine (questionable) =  $\text{I}_2$ , Ciriotti et al. 14 (2009).  
Iodinsilber = iodargyrite, Egleston 164 (1892).  
iodirita = iodargyrite, Zirlin 67 (1981).  
Iodit = iodargyrite, Dana 6th, 160 (1892).  
iodo-ammonium-carnallite = synthetic  $(\text{NH}_4)\text{MgI}_3 \cdot 6\text{H}_2\text{O}$ , Clark 325 (1993).  
Iodobotallackit = synthetic  $\text{Cu}_2\text{I}(\text{OH})_3$ , MM 33, 1138 (1964).  
iodobromide of silver = I-rich bromargyrite, MM 1, 89 (1877).  
Iodobromit = I-Cl-rich bromargyrite, MM 13, 369 (1903).  
iodobromyrite = I-Cl-rich bromargyrite, Lacroix 19 (1931).  
iodocarnallite = synthetic  $\text{KMgI}_3 \cdot 6\text{H}_2\text{O}$ , Clark 325 (1993).  
iodochlorargyrite = I-rich chlorargyrite, Aballain et al. 167 (1968).  
iodolaurionite = synthetic  $\text{PbI}(\text{OH})$ , Clark 325 (1993).  
iodolite = alkali sulfide ? (meteorite), Chester 134 (1896).  
iodomimetite = synthetic apatite  $\text{Pb}_5(\text{AsO}_4)_3\text{I}$ , MM 33, 1138 (1964).  
iodopyromorphite = hypothetical apatite  $\text{Pb}_5(\text{PO}_4)_3\text{I}$ , MM 33, 1138 (1964).  
iodovanadinite = synthetic apatite  $\text{Pb}_5(\text{VO}_4)_3\text{I}$ , MM 33, 1139 (1964).  
Iodquecksilber = coccinite, Dana 6th, 161 (1892).  
Iodsilber = iodargyrite, Dana 6th, 160 (1892).  
iodure d'argent = iodargyrite, Dana 6th, 160 (1892).  
iodure de magnesium = synthetic  $\text{MgI}_2$ , Egleston 163 (1892).  
iodure de mercure = coccinite, Dana 6th, 161 (1892).  
iodure de sodium = synthetic  $\text{NaI}$ , Egleston 163 (1892).  
iodure de zinc = unknown or synthetic  $\text{ZnI}_2$ , Egleston 163 (1892).  
iodurita = iodargyrite, Domeyko II, 492 (1897).  
ioduro de mercurio = coccinite, Domeyko II, 317 (1897).  
ioduro de plata = iodargyrite, Domeyko II, 492 (1897).  
iodyrite = iodargyrite, AM 49, 224 (1964).



ioguneite = scorodite, Chester 134 (1896).  
iogunite = scorodite, Strunz & Nickel 789 (2001).  
Iolanthite = red massive Fe-rich quartz, MM 18, 381 (1919).  
iolite = cordierite, Dana 6th, 419 (1892).  
iolite hydrous = muscovite pseudomorph after cordierite, Egleston 70 (1892).  
iolith = cordierite, Haüy III, 5 (1822).  
iolithe hydratée = muscovite pseudomorph after cordierite, Egleston 258 (1892).  
iona stone = serpentine + others, O'Donoghue 346 (2006).  
ionia = red-orange topaz, Bukanov 81 (2006).  
ionite (Allan) = kaolinite-1Md + opal-A, AM 54, 206 (1969).  
ionite (Purnell) = hartite ?, Dana 6th, 1008 (1892).  
ionolite = ixiolite, AM 84, 773 (1999).  
Iorcherit = opal-CT + colloidal orpiment, Chester 97 (1896).  
Iosen = hartite, MM 22, 621 (1931).  
iosidérite = wüstite, MM 20, 455 (1925).  
iozite = wüstite or magnetite, Clark 326 (1993).  
iperstene = Fe-rich enstatite or Mg-rich ferrosilite, Zirlin 68 (1981).  
iquiqueite = iquiqueite, Nickel & Nichols 246 (1991).  
irakiet = iraqite-(La), Council for Geoscience 762 (1996).  
iraqite = iraqite-(La), Nickel & Nichols 97 (1991).  
iraqite-La = iraqite-(La), Dana 8th, 1269 (1997).  
iraqite = iraqite-(La), CM 20, 59 (1982).  
irarcite = irarsite, MM 36, 1152 (1968).  
irarzit = irarsite, László 113 (1995).  
Iras = diamond, Haditsch & Maus 86 (1974).  
írásérc = sylvanite, László 113 (1995).  
irasite = irarsite, MM 47, 468 (1983).  
iraurita = Ir-rich gold, AM 36, 638 (1951).  
iren = iron, Clark 327 (1993).  
irestone = pargasite or hornblende, Egleston 14 (1892).  
Irghizit = glass (tektite), LAP 16(3), 12 (1991).  
írgyémánt = transparent quartz, László 95 (1995).  
Irid = iridium, Hintze I.1, 137 (1898).  
Irid, gediegen = Pt-rich iridium, Dana 7th I, 110 (1944).  
iridarzenit = iridarsenite, László 113 (1995).  
iridescent cat's-eye = chatoyant chrysoberyl, Thrush 589 (1968).  
iridescent copper pyrites = bornite, Egleston 54 (1892).  
iridescent opal = gem opal-A, Bukanov 151 (2006).  
iridescent quartz = transparent quartz, Egleston 280 (1892).  
iridic gold = Ir-rich gold, Clark 326 (1993).  
iridic platinum = Ir-rich platinum, Clark 326 (1993).  
iridioplatina = Ir-rich platinum, László 113 (1995).  
iridioplatinita = Ir-rich platinum, AM 36, 638 (1951).  
iridioplatinum = Ir-rich platinum, Thrush 589 (1968).  
iridisite- $\beta$  = Ir<sub>3</sub>S<sub>8</sub>, AM 74, 1215 (1989).  
iridiszit- $\beta$  = iridisite- $\beta$ , László 113 (1995).  
Iridium, gediegen = iridium, Dana 6th, 27 (1892).  
Iridiumgold = Ir-rich gold, Chudoba EII, 181 (1954).  
iridium osmié = Os-rich iridium, Haüy III, 234 (1822).  
iridium-osmine = Ir-rich osmium, Chester 135 (1896).  
iridium-osmium = Ir-rich osmium, Clark 327 (1993).  
iridiumplatin = Ir-rich platinum, Hintze I.1, 137 (1898).

irido-osmium = Ir-rich osmium, Clark 327 (1993).  
iridoozmium = Ir-rich osmium, László 114 (1995).  
iridoplatinite = Ir-rich platinum, AM 51, 1283 (1966).  
iridosmine = Ir-rich osmium, CM 29, 235 (1991).  
iridosmine I = pale-grey-blue Ir-rich osmium, R. Dixon, pers. comm. (1992).  
iridosmine II = white Ir-rich osmium, R. Dixon, pers. comm. (1992).  
iridosmio = Ir-rich osmium, Novitzky 171 (1951).  
Iridosmium = Ir-rich osmium, CM 29, 231 (1991).  
iridozmin = Ir-rich osmium, László 114 (1995).  
Iridplatin = Pt-rich iridium, CM 12, 299 (1974).  
iridrhodruthenium = Ir-Rh-rich ruthenium, AM 76, 1434 (1991); CM 44, 1559 (2006).  
iridrodruténium = Ir-Rh-rich ruthenium, László 114 (1995).  
Irigenit = iriginite, Chudoba RII, 102 (1971).  
irinite = Th-rich loparite, AM 40, 369 (1955).  
iris = transparent quartz with cracks, AM 12, 389 (1927).  
Irisachat = banded quartz-mogánite mixed-layer with cracks, Extra LAP 19, 7 (2000).  
iris agate = banded quartz-mogánite mixed-layer with cracks, Dana 7th III, 203 (1962).  
iris chalcedonius = banded quartz-mogánite mixed-layer with cracks, Dana 7th III, 203 (1962).  
irischer Diamant = transparent quartz with cracks, Haditsch & Maus 86 (1974).  
iris diamond = transparent quartz with cracks, Bukanov 391 (2006).  
irisdominia = Ir-rich osmium, Domeyko II, 492 (1897).  
irised quartz = transparent quartz with cracks, Egleston 280 (1892).  
Irish diamond = transparent quartz with cracks, AM 12, 385 (1927).  
iris opal = gem opal-A or glass, Bukanov 151, 308 (2006).  
iris quartz = transparent quartz with cracks, Read 122 (1988).  
Irisquarz = transparent quartz with cracks, Kipfer 99 (1974).  
írisz = transparent quartz with cracks, László 114 (1995).  
íriszachtát = banded quartz-mogánite mixed-layer with cracks, László 2 (1995).  
íriszgyémánt = transparent quartz with cracks, László 95 (1995).  
íriszkvarc = transparent quartz with cracks, László 153 (1995).  
Irit = chromite + osmium + iridium + rutheniridosmine + platinum + laurite + hongshiite + irarsite + others, MM 68, 369 (2004).  
irnimit = pale-blue richterite, Bukanov 253 (2006).  
íróérc = colloidal chlorargyrite, László 40 (1995).  
íróézüst = colloidal chlorargyrite, László 40 (1995).  
írókréta = calcite, László 114 (1995).  
iron-ε = hexaferrum, LAP 22(11), 71 (1997).  
iron-åkermanite = synthetic melilite  $\text{Ca}_2\text{Fe}[\text{Si}_2\text{O}_7]$ , MM 42, 525 (1978).  
iron-alabandite = Fe-rich alabandite, AM 43, 378 (1958).  
iron-albite = hypothetical feldspar  $\text{Na}[(\text{FeSi}_3)\text{O}_8]$ , AM 21, 762 (1936).  
iron alum = acicular halotrichite, Dana 6th, 954 (1892).  
iron alumina garnet = almandine, Egleston 133 (1892).  
iron-aluminium garnet = almandine, Dana 6th, 441 (1892).  
iron aluminum oxide = hercynite, Kipfer 178 (1974).  
iron aluminum phosphate hydroxide hydrate = childrenite, Kipfer 178 (1974).  
iron aluminum silicate = almandine, Kipfer 178 (1974).

iron aluminum silicate hydroxide = chloritoid, Kipfer 178 (1974).  
iron amphibole = grunerite, Egleston 13 (1892).  
iron-andradite = hypothetical garnet  $\text{Fe}_3\text{Fe}_2[\text{SiO}_4]_3$ , AM 15, 203 (1930).  
iron-anorthite = hypothetical feldspar  $\text{Ca}[(\text{Fe}_2\text{Si}_2)\text{O}_8]$ , AM 21, 762 (1936).  
iron-anthophyllite = ferro-anthophyllite, AM 63, 1050 (1978).  
iron-antigorite (Eckermann) = Fe-rich antigorite, Clark 328 (1993).  
iron-antigorite (Winchell) = greenalite, MM 21, 566 (1928).  
iron antimonial sulfuré = berthierite, Egleston 165 (1892).  
iron antimonial sulfuré = berthierite, Egleston 44 (1892).  
iron antimony sulfide = berthierite, Kipfer 178 (1974).  
iron-anthophyllite = ferro-anthophyllite, Kipfer 178 (1974).  
iron-apatite = zwieselite or triplite, Chester 135 (1896).  
iron arsenate = pharmacosiderite, Egleston 251 (1892).  
iron arsenate hydrate = scorodite, Kipfer 178 (1974).  
iron arsenate hydroxide hydrate = pharmacosiderite, Kipfer 178 (1974).  
iron arsenic sulfide = arsenopyrite, Kipfer 178 (1974).  
iron arsenide = löllingite, Kipfer 178 (1974).  
iron ball = clay + hematite or goethite or siderite or chamosite, Bates & Jackson 345 (1987).  
iron barringerite = Ni-poor barringerite, AM 69, 407 (1984).  
iron-beidellite = Al-rich nontronite, AM 11, 168 (1926).  
iron berlinite = synthetic  $\text{Fe}(\text{PO}_4)$ , AM 38, 612 (1953).  
iron black = antimony, PDF 35-732.  
iron-boracite = ericaite, MM 41, 404 (1977).  
iron borate = sassolite + goethite, Egleston 181 (1892).  
iron-brucite = coalingite, English 111 (1939).  
iron carbonate = siderite, Egleston 312 (1892).  
iron carbonophosphate = unknown, MM 1, 86 (1877).  
iron chevkinite = Fe-rich chevkinite, AM 63, 424 (1978).  
iron chloride = molysite, Egleston 220 (1892).  
iron-chlorite = chamosite, MM 25, 633 (1940).  
iron chromate = chromite, Kipfer 178 (1974).  
iron chromite = chromite, AM 78, 724 (1993).  
iron chromium oxide = chromite, Kipfer 178 (1974).  
iron chrysolite = Mg-rich fayalite, Dana 6th, 456 (1892).  
iron columbate = columbite-(Fe) or tantalite-(Fe), Egleston 165 (1892).  
iron-copper-chalcanthite = Cu-rich siderotil, AM 49, 821 (1964).  
iron cordierite = sekaninaite, MM 20, 456 (1925).  
iron corundum = Fe-rich corundum, MM 42, 525 (1978).  
iron cross = twinned pyrite, de Fourestier 32 (1994).  
iron cupreous arsenate = scorodite, Egleston 307 (1892).  
iron diarsenate = pitticite, Egleston 165 (1892).  
iron-dolomite = ankerite, MM 24, 616 (1937).  
iron earth = vivianite ?, MM 1, 86 (1877).  
iron-epidote = epidote, MM 20, 456 (1925).  
iron-eye = quartz + magnetite + hematite, Bukanov 74 (2006).  
iron feldspar = Fe-rich orthoclase, Bukanov 278 (2006).  
iron flint = quartz + hematite, Egleston 280 (1892).  
iron flower = aragonite, Bukanov 263 (2006).  
iron-foam = red hematite, MM 1, 86 (1877).  
iron-froth = black hematite, Chester 135 (1896).  
iron-gedrite = ferrogedrite, MM 19, 342 (1922).  
iron-gehlenite (Christie) = synthetic melilite  $\text{Ca}_2\text{Fe}[(\text{FeSi})\text{O}_7]$ , Deer et al. 1B, 292 (1986).

iron-gehlenite (Winchell) = synthetic melilite  $\text{Ca}_2\text{Fe}[(\text{AlSi})\text{O}_7]$ , Deer et al. 1B, 285 (1986).

iron-glance = black hematite, Chester 135 (1896).

iron glass = fayalite, Bukanov 103 (2006).

iron-gymnite = Fe-Mn-rich antigorite, Clark 329 (1993).

iron-hornblende = Mn-K-Fe<sup>3+</sup>-rich ferrohornblende, AM 63, 1050 (1978).

iron hydrous oxide = goethite, Egleston 165 (1892).

iron hydrous oxyd = goethite, Egleston 140 (1892).

iron-hypersthene = Mg-rich ferrosilite, MM 24, 613 (1937).

iron indialite = synthetic  $\text{Fe}_2\text{Al}_3[(\text{AlSi}_5)\text{O}_{18}]$ , Deer et al. I, 269 (1962).

iron-kaolinite = kaolinite + nontronite, MA 6, 234 (1936).

iron-knebelite = Mn-rich fayalite, AM 24, 659 (1939).

iron-lazulite = lipscombite, MM 30, 737 (1955).

iron lepidolite = trillithionite, Deer et al. III, 94 (1962).

iron-leucite = synthetic zeolite  $\text{K}[(\text{FeSi}_2)\text{O}_6]$ , MM 21, 567 (1928).

iron-lime-garnet = andradite, Chester 7 (1896).

iron lime pyroxene = hedenbergite, Egleston 277 (1892).

iron magnesia amphibole = cummingtonite, Egleston 12 (1892).

iron-magnesia spinel = Fe-rich spinel or magnesioferrite, Dana 7th I, 689 (1944).

iron magnesium aluminum biotite = Fe-rich biotite, AM 77, 1191 (1992).

iron magnesium aluminum silicate hydroxide = staurolite, Kipfer 179 (1974).

iron magnesium silicate = fayalite, Kipfer 179 (1974).

iron magnetic oxide = magnetite, de Fourestier 32 (1994).

iron manganese amphibole = manganogrunerite, Egleston 165 (1892).

iron-manganese chrysolite = Mn-rich fayalite, Dana 6th, 1111 (1892).

iron-manganese-zinc chrysolite = Mn-Zn-rich fayalite, Dana 6th, 459 (1892).

iron-melanterite = melanterite, MM 28, 731 (1949).

iron-melilite = dorrite, de Fourestier 163 (1999).

iron mica = black hematite or annite or siderophyllite, Hey 466, 523 (1962).

iron-microcline = synthetic feldspar  $\text{K}[(\text{FeSi}_3)\text{O}_8]$ , AM 21, 762 (1936).

iron monoplantinide = tetraferroplatinum, CM 13, 117 (1975).

iron-monticellite = kirschsteinite, MM 24, 613 (1937).

iron mullite = Fe<sup>3+</sup>-rich mullite, MM 42, 525 (1978).

iron muscovite = hypothetical mica  $\text{KFe}_2[(\text{AlSi}_3)\text{O}_{10}](\text{OH})_2$ , CM 36, 911 (1998).

iron native organic salts = unknown, MM 1, 86 (1877).

iron-natrolite = natrolite + chamosite ?, Dana 6th, 602 (1892).

iron-nickel-montmorillonite = Ni-rich nontronite, MM 40, 142 (1975).

iron niobium oxide = columbite-(Fe), Kipfer 179 (1974).

iron ocher = red fine-grained hematite or goethite, Dana 6th, 1124 (1892).

iron ochre = red fine-grained hematite or goethite, Egleston 166 (1892).

iron olivine = fayalite, Deer et al. 1A, 915 (1982).

iron opal = red or yellow Fe-rich opal-CT, Read 122 (1988).

iron ore = hematite, Bukanov 172 (2006).

iron-orthoclase = synthetic feldspar  $\text{K}[(\text{FeSi}_3)\text{O}_8]$ , MM 25, 633 (1940).

iron oxalate = humboldtine, Egleston 157 (1892).

iron oxide = hematite or magnetite, Kipfer 179 (1974).

iron oxide hydroxide = goethite, Kipfer 179 (1974).

iron oxyd = hematite, Egleston 151 (1892).

iron pebble = red-brown quartz + hematite ± goethite, Bukanov 393 (2006).  
iron-pentlandite = synthetic  $\text{Fe}_9\text{S}_8$ , EJM 6, 266 (1994).  
iron phosphate (Brochant) = dufrénite, Egleston 108 (1892).  
iron phosphate (Manceau *et al.*) = synthetic  $\text{Fe}(\text{PO}_4)$ , AM 77, 1135 (1992).  
iron phosphate (Stein) = cacoxenite, Egleston 60 (1892).  
iron phosphate hydrate = ludlamite or phosphosiderite or strengite or vivianite, Kipfer 179 (1974).  
iron phosphate hydroxide = rockbridgeite, Kipfer 179 (1974).  
iron phosphate hydroxide hydrate = beraunite or cacoxenite, Kipfer 179 (1974).  
iron-platinum = isoferroplatinum or tetraferroplatinum, MM 16, 360 (1913).  
iron pollucite = synthetic zeolite  $\text{Cs}[(\text{FeSi}_2)\text{O}_6]$ , PDF 45-418.  
iron protochloride = lawrencite, Egleston 111 (1892).  
iron pyrite = pyrite or marcasite, Egleston 275 (1892).  
iron pyrites = pyrite, Dana 6th, 84 (1892).  
iron-pyrochroite = Fe-rich pyrochroite, AM 7, 214 (1922).  
iron-pyrope = majorite, MJJ 12, 285 (1985).  
iron-pyroxene subgroup = hedenbergite + ferrosilite + aegirine, MM 22; 549, 559 (1931).  
iron quartz = quartz + hematite or goethite, Bukanov 116 (2006).  
iron-reddingite = phosphoferrite, AM 36, 881 (1951).  
iron-rhodonite (Sundius) =  $\text{Fe}^{2+}$ -rich rhodonite, MM 24, 613 (1937).  
iron-rhodonite (Tilley) = ferrobustamite, MM 39, 913 (1974).  
iron-rhodonite (Weibull) = pyroxmangite, MM 24, 613 (1937).  
iron-richterite = ferrorichterite, AM 63, 1050 (1978).  
iron rose = black hematite or ilmenite, Dana 7th I, 531 (1944).  
iron rust = goethite or hematite or magnetite, Thrush 784 (1968).  
iron rutile = pseudorutile, Dana 6th, 1118 (1892).  
iron sand = ilmenite + magnetite ± pseudorutile, Dana 6th, 1118 (1892).  
iron-sanidine = synthetic feldspar  $\text{K}[(\text{FeSi}_3)\text{O}_8]$ , MM 35, 1138 (1966).  
iron-sarcosite = hypothetical  $\text{Ca}_3[(\text{Fe}_2\text{Si}_3)\text{O}_{12}]$  or  $\text{Na}_6[(\text{Fe}_2\text{Si}_3)\text{O}_{12}]$ , MM 18, 381 (1919).  
iron saponite = ferrosaponite, TMH VI, 179 (1999).  
iron-schefferite =  $\text{Mn}^{2+}$ - $\text{Fe}^{2+}$ -rich diopside, Dana 6th, 357 (1892).  
iron scoria = glass, Bukanov 369 (2006).  
iron-sepiolite = Fe-rich sepiolite, MJJ 11, 356 (1983).  
iron-sericite = fine-grained Fe-rich muscovite, MM 30, 735 (1955).  
iron-serpentine = greenalite, AM 21, 453 (1936).  
iron-shot copper green = chrysocolla, MM 1, 86 (1877).  
iron silicate = chamosite or fayalite, Egleston 77, 122 (1892).  
iron silicate hydroxide = cronstedtite, Kipfer 179 (1974).  
iron-sinter (Hermann) = non-crystalline scorodite, Chester 135 (1896).  
iron-sinter (Werner) = pitticite, Chester 135 (1896).  
iron-skutterudite = cafarsite, MM 26, 338 (1943).  
iron-sodium-melilite = hypothetical melilite  $(\text{NaCa})\text{Fe}[\text{Si}_2\text{O}_7]$ , MM 42, 525 (1978).  
iron-spar = siderite, Chester 136 (1896).  
iron spinel = hercynite, Dana 6th, 223 (1892).  
iron spodumene = synthetic pyroxene  $\text{LiFe}[\text{Si}_2\text{O}_6]$ , AM 54, 1530 (1969).  
iron staurolite = staurolite, AM 69, 531 (1984).  
iron stone = riebeckite, Bukanov 252 (2006).  
iron-strigovite = Mg-rich chamosite, AM 21, 269 (1936).  
iron sulfate hydrate = coquimbite, Kipfer 179 (1974).

iron sulfide = pyrrhotite or pyrite or marcasite or pentlandite, Kipfer 179 (1974).  
iron sulphate = melanterite, Egleston 207 (1892).  
iron sulphide = pyrrhotite or pyrite or marcasite, Egleston 204, 274, 279 (1892).  
iron sulphuret = pyrrhotite or pyrite or marcasite, Egleston 204, 274, 279 (1892).  
iron-talc = minnesotaite, AM 29, 363 (1944).  
iron tantalate = tantalite-(Fe), Egleston 338 (1892).  
iron-tantalum oxide = tantalite-(Fe), Kipfer 179 (1974).  
iron tellurate hydrate = emmonsite, Kipfer 179 (1974).  
iron tephroite = Fe<sup>2+</sup>-rich tephroite, AM 24, 659 (1939).  
iron thorite = Fe-rich thorite, R. Dixon, pers. comm. (1992).  
iron tourmaline = schorl + buergerite, Dana 6th, 553 (1892).  
iron tremolite = ferro-actinolite, AM 77, 957 (1992).  
iron tungstate = ferberite, Egleston 370 (1892).  
iron-uranite = bassetite or kahlerite, MM 30, 343 (1954).  
iron vernadite = Fe-rich vernadite, AM 77, 1144 (1992).  
iron vitriol = melanterite, Dana 6th, 941 (1892).  
iron-wagnerite = Fe<sup>2+</sup>-rich wagnerite, MM 33, 1139 (1964).  
iron-wollastonite = ferrobustamite or Fe-rich wollastonite, MM 24, 614 (1937).  
iron-zinc spar = Fe<sup>2+</sup>-rich smithsonite, Bukanov 241 (2006).  
irosita = Ir-rich osmium, AM 36, 638 (1951).  
irozit = Ir-rich osmium, László 114 (1995).  
Ir-platinum = Ir-rich platinum, Pekov 85 (1998).  
irridosmine = Ir-rich osmium, Clark 594 (1993).  
Ir-Ru-platinum = Ir-Ru-rich platinum, Pekov 59 (1998).  
Irtemit = irthemitite, Chudoba EIV, 42 (1974).  
irthemite = irthemitite, Back & Mandarino 184 (2008).  
irtisit = irtyshite, László 114 (1995).  
irvingite = trillithionite, MM 14, 400 (1907).  
Is = ice-Ih, Dana 6th, 205 (1892).  
I-S = illite-smectite mixed-layer, ClayM 30, 353 (1995).  
isabellite = richterite, AM 63, 1050 (1978).  
isada = actinolite or jadeite, Egleston 14 (1892).  
Isarit = acid-treated montmorillonite, Robertson 20 (1954).  
ischelite = polyhalite, Chester 136 (1896).  
ischellite = polyhalite, Egleston 167 (1892).  
ischikawait = ishikawaite, László 310 (1995).  
Ischkulit = Cr-rich magnetite, Chudoba EII; 182, 561 (1958).  
Ischkyldit = chrysotile-2M<sub>cl</sub>, Chudoba EII, 182 (1954).  
iscorite = synthetic Fe<sub>7</sub>SiO<sub>10</sub>, MM 39, 915 (1974).  
iscustos = fibrous amphibole or chrysotile, de Fourestier 163 (1999).  
Isel Royale green stone = pumpellyite, Bukanov 238 (2006).  
Iserin = pseudorutile, Dana 6th, 219 (1892).  
Iserit (Janovsky) = Fe-rich rutile, Dana 6th, 239 (1892).  
iserite (Werner) = pseudorutile, Dana 6th, 219 (1892).  
ishiganeite = cryptomelane + birnessite, AM 48, 952 (1963); 50, 1141 (1965).  
ishikawaite-(U) = ishikawaite, Godovikov 95 (1997).  
ishildite = chrysotile-2M<sub>cl</sub>, Clark 332 (1993).  
Ishkhulit = Cr-rich magnetite, Kipfer 77 (1974).  
ishkildite = chrysotile-2M<sub>cl</sub>, English 113 (1939).

ishkulite = Cr-rich magnetite, AM 27, 62 (1942).  
ishkyldite = chrysotile- $2M_{Cl}$ , AM 21, 48 (1936).  
isigane-isi = cryptomelane + birnessite, Clark 332 (1993).  
isiganeite = cryptomelane + birnessite, Embrey & Fuller 168 (1980).  
isikavait = ishikawaite, László 114 (1995).  
isinesteina = siderite, LAP 23(2), 7 (1998).  
isinglas = muscovite, CM 36, 910 (1998).  
isinglass = muscovite, Chester 136 (1896).  
isinglass stone = muscovite, Thrush 592 (1968).  
isjikawaïet = ishikawaite, Council for Geoscience 762 (1996).  
iskildite = chrysotile- $2M_{Cl}$ , AM 25, 155 (1940).  
iskryak = gem quartz ± mica ± chlorite ± hematite, Bukanov 154 (2006).  
iskulite = Cr-rich magnetite, MM 28, 726 (1949).  
isländischen Doppelspates = transparent calcite, Linck I.3, 2896 (1926).  
isländischen Spats = transparent calcite, Linck I.3, 2895 (1926).  
isländischer Achat = obsidian (lava), Haditsch & Maus 86 (1974).  
isländischer Doppelspat = transparent calcite, Doelter IV.3, 1133 (1931).  
isländischer Kristall = transparent calcite, Linck I.3, 2895 (1926).  
isländischer Spat = transparent calcite, Chudoba RI, 61 (1939).  
Islandspat = transparent calcite, Haditsch & Maus 86 (1974).  
islemannite = ilsemannite, MM 1, 87 (1877).  
Isle of Wight Diamant = transparent quartz, Haditsch & Maus 86 (1974).  
Isle of Wight diamond = transparent quartz, AM 12, 385 (1927).  
Isle Royale greenstone = pumpellyite-(Mg), Webster & Anderson 956 (1983).  
Isle Royal greenstone = pumpellyite-(Mg), Thrush 592 (1968).  
ismaragd = dark-green gem Cr-rich beryl, Bukanov 69 (2006).  
isochalcopyrite = isocubanite, AM 75, 432 (1990); CM 44, 1559 (2006).  
Isochalkopyrit = isocubanite, Weiss 119 (1994).  
isoclasa = isoclasite, Des Cloizeaux II, 441 (1893).  
isoclasite (questionable) =  $Ca_2(PO_4)(OH) \cdot 2H_2O$ , Nickel & Nichols 97 (1991).  
isocorite =  $Fe_7SiO_{10}$ , EJM 17, 723 (2005).  
isofana = franklinite, de Fourestier 164 (1999).  
Isoferroplatin = isoferroplatinum, Weiss 119 (1994).  
isofluorite = thorianite, de Fourestier 164 (1999).  
Isoklas (original spelling) = isoclasite, Dana 6th, 835 (1892).  
Isoklasit = isoclasite, Doelter III.1, 392 (1914).  
isometric chalcocite = digenite, AM 27, 712 (1942).  
isometric cobalt pyrites = linnaeite, Egleston 193 (1892).  
isometrischer Kobaltkies = linnaeite or jaipurite, Goldschmidt IX text, 182 (1923).  
isometrischer Kupferglanz = stromeyerite, Haditsch & Maus 86 (1974).  
isometrischer Parachrosbaryt = rhodochrosite, Linck I.3, 3203 (1927).  
isomicrocline = microcline, MM 15, 423 (1910).  
Isomikroklin = microcline, MM 15, 423 (1910).  
iso-orthoclase = orthoclase, AM 18, 478 (1933).  
isoortoclase = orthoclase, Kipfer 179 (1974).  
isoperthite = feldspar + feldspar, MM 21, 567 (1928).  
Isophan = franklinite, Dana 6th, 1118 (1892).  
Isoplatinkupfer = hongshiite or Pt-rich copper, AM 63, 426 (1978).  
isoplatinocopper = hongshiite or Pt-rich copper, AM 63, 426 (1978).  
isopyre = opal-CT + Na-rich anorthite, Dana 6th, 1038 (1892).  
isorthoclase = orthoclase, MM 23, 631 (1934).  
Isorthoklas = orthoclase, Chudoba EII, 477 (1955); [EI,235].  
isorthose = orthoclase, MM 14, 400 (1907).

Isostannin = k esterite or ferrok esterite, MM 32, 962 (1961).  
isostannite = k esterite or ferrok esterite, CM 27, 673 (1989).  
isothoclase = orthoclase, Clark 512 (1993).  
isothose = orthoclase, Clark 512 (1993).  
isotroper Alunite = isotropic alunite, Chudoba RI, 4 (1939); [I.3,4194].  
isotropic serpentine = lizardite, de Fourestier 164 (1999).  
isowolframite = Mn-rich ferberite or Fe-rich h bnerite, AM 58, 560 (1973); MM 43, 1055 (1980).  
isowurtzite = iodargyrite, de Fourestier 164 (1999).  
ispadran = chalcopyrite, Egleston 76 (1892).  
iss = isocubanite, MM 52, 509 (1988).  
istisuite = ferrohornblende ?, CM 44, 1559 (2006).  
istrischer Bernstein = S-rich resin, Doelter IV.3, 941 (1931).  
iszkildit = chrysotile-2M<sub>cl</sub>, L szl  310 (1995).  
isztiszuit = wollastonite ?, L szl  114 (1995).  
itaberite = hematite + magnetite + quartz (schist), Clark 333 (1993).  
itabirite = hematite + magnetite + quartz (schist), Dana 7th III, 225 (1962).  
itabiryte = hematite + magnetite + quartz (schist), Dana 6th, 215 (1892).  
itachmette = gypsum + epsomite + others, de Fourestier 164 (1999).  
itacolumite = quartz (sandstone), Clark 323 (1993).  
itacolumyte = quartz (sandstone), Dana 6th, 190 (1892).  
Itakolumit = quartz (sandstone), Strunz 538 (1970).  
itali = obsidian (lava), Webster & Anderson 956 (1983).  
Italian asbestos = tremolite, Thrush 594 (1968).  
Italian chrysolite = vesuvianite, Egleston 360 (1892).  
Italian Lapis = massive quartz + hematite, Read 123 (1988).  
Itali n Magnese = pyrolusite, Haditsch & Maus 86 (1974).  
italienischer Chrysolith = vesuvianite, Haditsch & Maus 86 (1974).  
italienischer Lapis = massive quartz + hematite, Haditsch & Maus 86 (1974).  
Itam = diamond, Haditsch & Maus 86 (1974).  
Itoigawa jade = jadeite, Bukanov 402 (2006).  
itolite = itoite, Dana 8th, 572 (1997).  
itrialita = yttrialite-(Y), Zirlin 115 (1981).  
itrocalcita = tveitite-(Y), Novitzky 367 (1951).  
itrocerina = Ce-rich tveitite-(Y), Domeyko II, 110 (1897).  
itrocerita = Ce-rich tveitite-(Y), Novitzky 367 (1951).  
itrocolumbita = samarskite-(Y) ?, Novitzky 367 (1951).  
itrofluorita = tveitite-(Y), Novitzky 367 (1951).  
itroilmenita = samarskite-(Y), de Fourestier 164 (1999).  
itrotantalita = yttrotantalite-(Y), Novitzky 367 (1951).  
itrotitanita = Y-rich titanite, Novitzky 367 (1951).  
Ittnerit = amphibole + aegirine + black Ti-rich andradite + perovskite + titanite + phlogopite + magnetite + ha yne + calcite + chabazite-Ca, MM 50, 348 (1986).  
ittrialite = yttrialite-(Y), Zirlin 116 (1981).  
ittrioepidot = Y-rich epidote, L szl  114 (1995).  
ittriumapatit = Y-rich fluorapatite, L szl  114 (1995).  
ittriumbastn sit = bastn site-(Y), L szl  114 (1995).  
ittriumgr n t = Y-rich andradite, L szl  114 (1995).  
ittriumortit = allanite-(Y), L szl  114 (1995).  
ittroalunit = synthetic gem garnet Y<sub>3</sub>Al<sub>2</sub>[AlO<sub>4</sub>]<sub>3</sub>, L szl  114 (1995).  
ittroapatit = hypothetical apatite Y<sub>3.33</sub>(PO<sub>4</sub>)<sub>3</sub>F, L szl  114 (1995).



Ittrobetafit = zero-valent-dominant pyrochlore, Chudoba EIII, 165 (1965).  
ittrobritolit = britholite-(Y), László 114 (1995).  
ittroceberiszit = hingganite-(Y), László 114 (1995).  
ittrocereerit = Ce-rich tveitite-(Y), László 114 (1995).  
ittrocერიokalcit = Ce-rich tveitite-(Y), László 114 (1995).  
ittrocereit = Ce-rich tveitite-(Y), László 114 (1995).  
ittroepidot = Y-rich epidote, László 114 (1995).  
ittrofluorit = Y-rich fluorite, László 114 (1995).  
ittrogránát = Y-rich andradite or synthetic gem garnet  $Y_3Al_2[AlO_4]_3$ ,  
László 115 (1995).  
ittrogummit = altered Y-rich uraninite, László 115 (1995).  
ittroilmenit = yttrotantalite-(Y) or samarskite-(Y), László 115 (1995).  
ittrokalcit (Fedorov) = fluorapatite, László 115 (1995).  
ittrokalcit (Glocker) = tveitite-(Y), László 115 (1995).  
ittrokolumbit-(Y) = samarskite-(Y) ?, László 115 (1995).  
ittrokolumbotantalit = Ta-rich samarskite-(Y) ?, László 115 (1995).  
ittrokrászit-(Y) = yttrocrasite-(Y), László 115 (1995).  
ittromelanocerit = Y-rich melanocerite-(Ce), László 115 (1995).  
ittromikrolit = Y-Nb-rich microlite + Nb-rich tantalite, László 115  
(1995).  
ittroniobit = samarskite-(Y) ?, László 115 (1995).  
ittroortit = allanite-(Y), László 115 (1995).  
ittroparisit = Y-rich parisite-(Ce), László 115 (1995).  
ittropiroklor-(Y) = zero-valent-dominant pyrochlore, László 115 (1995).  
ittroszinchizit = synchysite-(Y), László 115 (1995).  
ittrotantalit-(Y) = yttrotantalite-(Y), László 115 (1995).  
ittrotitanit = Y-Fe-rich titanite, László 115 (1995).  
ittrotungsztit-(Y) = yttrotungstite-(Y), László 115 (1995).  
itztli des Mexicains = obsidian (lava), Des Cloizeaux I, 548 (1862).  
iu = actinolite, de Fourestier 164 (1999).  
ivaarite = schorlomite, Dana 6th, 448 (1892).  
ivakiit = iwakiite, László 115 (1995).  
ivanovite = Ca-B-O-H-Cl, AM 40, 552 (1955).  
ivanowiet = Ca-B-O-H-Cl, Council for Geoscience 762 (1996).  
ivigtite = muscovite or Na-Fe-rich mica, CM 36, 911 (1998).  
ivorite = black glass (tektite), Bates & Jackson 350 (1987).  
ivory jade = actinolite or tremolite, Bukanov 402 (2006).  
ivory turquoise =  $Mn^{5+}$ -rich fluorapatite, Read 123 (1988).  
Iwaarit = schorlomite, Dana 6th, 447 (1892).  
Iwanowit = Ca-B-O-H-Cl, Chudoba EII, 732 (1959).  
iwakite = iwakiite, Back & Mandarino 109 (2008).  
iwashiroite-(Y) = formanite-(Y) ?, Back & Mandarino 108 (2008).  
ixiolite-scandifère = Sc-rich ixiolite, Aballain 6 (1973).  
Ixionit = ixiolite, Linck I.4, 476 (1923).  
Ixionolit = ixiolite, Dana 6th, 736 (1892).  
Ixionolith = ixiolite, Linck I.4, 476 (1923).  
ixioxilith = ixiolite, de Fourestier 32 (1994).  
I.X.L. = montmorillonite or palygorskite, Robertson 20 (1954).  
Ixolith = amber, Doelter IV.3, 826 (1931).  
Ixolyt = amber, Dana 6th, 1001 (1892).  
I yu = actinolite or tremolite, Bukanov 256 (2006).  
izabellit = richterite, László 115 (1995).  
izlandiachát = obsidian (lava), László 2 (1995).  
izlandi pát = transparent calcite, László 60 (1995).

izofán = franklinite, László 115 (1995).  
izoferroplatina = isoferroplatinum, László 115 (1995).  
izokalkopirit = isocubanite, László 115 (1995).  
izokit = isokite, László 310 (1995).  
izoklaheite = izoklakeite, MA 48, 4808 (1987).  
izoklász = isoclasite, László 115 (1995).  
izokubanit = isocubanite, László 115 (1995).  
izomertierit = isomertieite, László 115 (1995).  
izomikroklin = microcline, László 115 (1995).  
izoortokláz = orthoclase, László 115 (1995).  
izopertit = feldspar + feldspar, László 115 (1995).  
izopir = opal-CT + Na-rich anorthite, László 115 (1995).  
izoplatinaréz = hongshiite, László 115 (1995).  
izosztannin = ferrokësterite + kësterite ± stannite, László 115 (1995).  
izosztannit = ferrokësterite + kësterite ± stannite, László 310 (1995).  
izovolframit = Mn-rich ferberite or Fe-rich hübnerite, László 115 (1995).  
iztac chalchihuitl = banded calcite, Thrush 595 (1968).  
izumrud = dark-green gem Cr-rich beryl, László 115 (1995).