

Seznam jáchymovských minerálů

ELEMENTS	
Antimony	Sb
Arsenic	As
Arsenolamprite	As
Bismuth	Bi
Copper	Cu
Gold	Au
Graphite	C
Silver	Ag
Sulphur	S

SULFIDES and SULFOSALTS	
Acanthite (TL)	Ag_2S
Aikinite	PbCuBiS_3
Alloclasite	$(\text{Co,Fe})\text{AsS}$
Anilite	Cu_7S_4
Argentopyrite (TL)	$\text{AgFe}_2^{3+}\text{S}_3$
Argentotennantite	$(\text{Ag,Cu})_6[(\text{Cu,Ag})_4(\text{Fe,Zn})_2](\text{As,Sb})_4\text{S}_{13}$
Arsenopyrite	FeAsS
Arsenopolybasite	$(\text{Ag,Cu})_{16}(\text{As,Sb})_2\text{S}_{11}$
Aurostibite	AuSb_2
Bismuthinite	Bi_2S_3
Bornite	$\text{Cu}_5\text{Fe}^{2+}\text{S}_4$
Boulangerite	$\text{Pb}_3\text{Sb}_4\text{S}_{11}$
Breithauptite	NiSb
Cinnabar	HgS
Chalcocite	Cu_2S
Chalcopyrite	CuFeS_2
Clausthalite	PbSe
Clinosafflorite	$(\text{Co,Fe,Ni})\text{As}_2$
Cobaltite	CoAsS
Covellite	CuS
Diaphorite	$\text{Ag}_3\text{Pb}_2\text{Sb}_3\text{S}_8$
Djurleite	$\text{Cu}_{31}\text{S}_{16}$
Dyscrasite	Ag_3Sb
Emplectite	CuBiS_2
Enargite	Cu_3AsS_4
Eucairite	CuAgSe
Fletcherite	$\text{Cu}(\text{Ni,Co})_2\text{S}_4$
Freibergite	$(\text{Ag,Cu})_6[(\text{Cu,Ag})_4(\text{Fe,Zn})_2](\text{Sb,As})_4\text{S}_{13}$

Galena	PbS
Gersdorffite	NiAsS
Gladite	PbCuBi ₅ S ₉
Glaucodot	(Co,Fe)AsS
Greenockite	CdS
Heteromorphite	Pb ₇ Sb ₈ S ₁₉
Imiterite	Ag ₂ HgS ₂
K�esterite	Cu ₂ (Zn,Fe)SnS ₄
Krutovite (TL)	Ni _{1-x} As ₂
Lautite	CuAsS
Lindstr�omite	Pb ₃ Cu ₃ Bi ₇ S ₁₅
Linnaeite	Co ²⁺ Co ₂ ³⁺ S ₄
L�ollingite	FeAs ₂
Luzonite	Cu ₃ AsS ₄
Marcasite	FeS ₂
Matildite	AgBiS ₂
Maucherite	Ni ₁₁ As ₈
Mawsonite	Cu ₆ Fe ₂ ³⁺ SnS ₈
Miargyrite	AgSbS ₂
Millerite (TL)	NiS
Molybdenite	MoS ₂
Nickeline	NiAs
Nickel-skutterudite	NiAs ₃
Orpiment	As ₂ S ₃
Pararammelsbergite	NiAs ₂
Pararealgar	AsS
Parkerite	Ni ₃ Bi ₂ S ₂
Pearceite	[(Ag,Cu) ₆ (As,Sb) ₂ S ₇][Ag ₉ CuS ₄]
Polybasite	(Ag,Cu) ₁₆ Sb ₂ S ₁₁
Proustite	Ag ₃ AsS ₃
Pyrargyrite	Ag ₃ SbS ₃
Pyrite	FeS ₂
Pyrostilpnite	Ag ₃ SbS ₃
Pyrrhotite	Fe _(1-x) S
Rammelsbergite	NiAs ₂
Realgar	AsS
Robinsonite	Pb ₄ Sb ₆ S ₁₃
Roquesite	CuInS ₂
Roxbyite	Cu ₉ S ₅
Safflorite	CoAs ₂
Siegenite	(Ni,Co) ₃ S ₄
Skutterudite	CoAs ₃
Smythite	Fe ₁₃ S ₁₆
Sphalerite	ZnS

Stannite	$\text{Cu}_2\text{Fe}^{2+}\text{SnS}_4$
Stephanite	Ag_5SbS_4
Sternbergite (TL)	AgFe_2S_3
Stibarsen	SbAs
Stibnite	Sb_2S_3
Stromeyerite	AgCuS
Tennantite	$\text{Cu}_{12}\text{As}_4\text{S}_{13}$
Tetradymite	$\text{Bi}_2\text{Te}_2\text{S}$
Tetrahedrite	$\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$
Vaesite	NiS_2
Violarite	FeNi_2S_4
Wittichenite	Cu_3BiS_3
Wurtzite	ZnS
Xanthoconite	Ag_3AsS_3

HALIDES	
Chlorargyrite	AgCl
Fluorite (TL)	CaF_2
Zavaritskite	BiOF

OXIDES and HYDROXIDES	
Allophane	$(\text{Al}_2\text{O}_3)(\text{SiO}_2)_{1.3-2}(\text{H}_2\text{O})_{2.5-3}$
Anatase	TiO_2
Arsenolite	As_2O_3
Asbolane	$(\text{Ni},\text{Co})_{2-x}\text{Mn}^{4+}(\text{O},\text{OH})_4(\text{H}_2\text{O})_n$
Ashanite	$(\text{Nb},\text{Ta},\text{U},\text{Fe},\text{Mn})_4\text{O}_8$
Becquerelite	$\text{Ca}(\text{UO}_2)_6\text{O}_4(\text{OH})_6(\text{H}_2\text{O})_8$
Bismite	Bi_2O_3
Cassiterite	SnO_2
Cervantite	$\text{Sb}^{3+}\text{Sb}^{5+}\text{O}_4$
Claudetite	As_2O_3
Compreignacite	$\text{K}_2(\text{UO}_2)_6\text{O}_4(\text{OH})_6(\text{H}_2\text{O})_8$
Coronadite	$\text{Pb}(\text{Mn}^{4+},\text{Mn}^{3+})_8\text{O}_{16}$
Cryptomelane	$\text{K}(\text{Mn}^{4+},\text{Mn}^{2+})_8\text{O}_{16}$
Cuprite	Cu_2O
Goethite	$\text{FeO}(\text{OH})$
Hematite	$\text{Fe}_2^{3+}\text{O}_3$
Hollandite	$\text{Ba}(\text{Mn}^{4+},\text{Mn}^{2+})_8\text{O}_{16}$
Ilmenorutile	$(\text{Ti},\text{Nb},\text{Fe}^{3+})_3\text{O}_6$
Ixiolite	$(\text{Ta},\text{Nb},\text{Sn},\text{Mn}^{2+},\text{Fe}^{2+})_4\text{O}_8$
Kermesite	$\text{Sb}_2\text{S}_2\text{O}$
Lithiophorite	$(\text{Al},\text{Li})\text{Mn}^{4+}\text{O}_2(\text{OH})_2$

Maghemite	$\gamma\text{-Fe}_2^{3+}\text{O}_3$
Magnetite	Fe_3O_4
Manganite	$\text{Mn}^{3+}\text{O}(\text{OH})$
Masuyite	$\text{Pb}(\text{UO}_2)_3\text{O}_3(\text{OH})_2(\text{H}_2\text{O})_3$
Metaschoepite	$\text{UO}_3(\text{H}_2\text{O})_{1-2}$
Opal	$(\text{SiO}_2)(\text{H}_2\text{O})_n$
Pyrolusite	Mn^{4+}O_2
Quartz	SiO_2
Ramsdellite	Mn^{4+}O_2
Richtite	$\text{Pb}(\text{UO}_2)_4\text{O}_5(\text{H}_2\text{O})_4$
Rutile	TiO_2
Schoepite	$(\text{UO}_2)_8\text{O}_2(\text{OH})_{12}(\text{H}_2\text{O})_{12}$
Tenorite	CuO
Uraninite (TL)	UO_2
Uranosphaerite	$\text{Bi}(\text{UO}_2)\text{O}_2(\text{OH})$
Valentinite	Sb_2O_3
Vandendriesscheite	$\text{PbU}_7\text{O}_{22}(\text{H}_2\text{O})_{12}$
Wölsendorfite	$(\text{Pb,Ca})\text{U}_2\text{O}_7(\text{H}_2\text{O})_2$

CARBONATES and NITRATES	
Agricolaite (TL)	$\text{K}_4(\text{UO}_2)(\text{CO}_3)_3$
Albrechtschraufite (TL)	$\text{Ca}_4\text{Mg}(\text{UO}_2)_2(\text{CO}_3)_6\text{F}_2(\text{H}_2\text{O})_{17}$
Andersonite	$\text{Na}_2\text{Ca}(\text{UO}_2)(\text{CO}_3)_3(\text{H}_2\text{O})_6$
Ankerite	$\text{CaFe}(\text{CO}_3)_2$
Aragonite	CaCO_3
Azurite	$\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$
Bayleyite	$\text{Mg}_2(\text{UO}_2)(\text{CO}_3)_3(\text{H}_2\text{O})_{18}$
Beyerite	$\text{Ca}(\text{BiO})_2(\text{CO}_3)_2$
Bismutite	$(\text{BiO})_2(\text{CO}_3)$
Brianyoungite	$\text{Zn}_3(\text{CO}_3,\text{SO}_4)(\text{OH})_4$
Calcite	CaCO_3
Čejkaite (TL)	$\text{Na}_4(\text{UO}_2)(\text{CO}_3)_3$
Cerussite	PbCO_3
Dolomite	$\text{CaMg}(\text{CO}_3)_2$
Grimselite	$\text{K}_3\text{Na}(\text{UO}_2)(\text{CO}_3)_3(\text{H}_2\text{O})$
Hydrozincite	$\text{Zn}_5(\text{CO}_3)_2(\text{OH})_6$
Kamotoite-(Y)	$\text{Y}_2(\text{UO}_2)_4(\text{CO}_3)_3\text{O}_4(\text{H}_2\text{O})_{14}$
Kettnerite	$\text{CaBi}(\text{CO}_3)\text{OF}$
Liebigite	$\text{Ca}_2(\text{UO}_2)(\text{CO}_3)_3(\text{H}_2\text{O})_{11}$
Magnesite	$\text{Mg}(\text{CO}_3)$
Malachite	$\text{Cu}_2(\text{CO}_3)(\text{OH})_2$
Metazellerite	$\text{Ca}(\text{UO}_2)(\text{CO}_3)_2(\text{H}_2\text{O})_3$
Monohydrocalcite	$\text{Ca}(\text{CO}_3)(\text{H}_2\text{O})$

Nesquehonite	$\text{Mg}(\text{HCO}_3)(\text{OH})(\text{H}_2\text{O})_2$
Rabbittite	$\text{Ca}_3\text{Mg}_3(\text{UO}_2)_2(\text{CO}_3)_6(\text{OH})_4(\text{H}_2\text{O})_{18}$
Rhodochrosite	$\text{Mn}^{2+}(\text{CO}_3)$
Rutherfordine	$(\text{UO}_2)(\text{CO}_3)$
Rouaite	$\text{Cu}_2(\text{NO}_3)(\text{OH})_3$
Schröckingerite (TL)	$\text{NaCa}_3(\text{UO}_2)(\text{CO}_3)_3(\text{SO}_4)\text{F}(\text{H}_2\text{O})_{10}$
Siderite	$\text{Fe}(\text{CO}_3)$
Smithsonite	$\text{Zn}(\text{CO}_3)$
Synchysite-(Ce)	$\text{Ca}(\text{Ce},\text{La})(\text{CO}_3)_2\text{F}$
Thermonatrite	$\text{Na}_2(\text{CO}_3)(\text{H}_2\text{O})$
Trona	$\text{Na}_3(\text{HCO}_3)(\text{CO}_3)(\text{H}_2\text{O})_2$
Uranocalcarite	$\text{Ca}(\text{UO}_2)_3(\text{CO}_3)(\text{OH})_6(\text{H}_2\text{O})_3$
Voglite (TL)	$\text{Ca}_2\text{Cu}(\text{UO}_2)(\text{CO}_3)_4(\text{H}_2\text{O})_6$
Widenmannite	$\text{Pb}_2(\text{UO}_2)(\text{CO}_3)_3$
Zellerite	$\text{Ca}(\text{UO}_2)(\text{CO}_3)_2(\text{H}_2\text{O})_5$
Znucalite	$\text{CaZn}_{11}(\text{UO}_2)(\text{CO}_3)_3(\text{OH})_{20}(\text{H}_2\text{O})_4$

PHOSPHATES	
Autunite	$\text{Ca}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{11}$
Bassetite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_8$
Brabantite	$\text{CaTh}(\text{PO}_4)_2$
Churchite-(Y)	$\text{Y}(\text{PO}_4)(\text{H}_2\text{O})_2$
Corkite	$\text{PbFe}_3^{3+}(\text{PO}_4)(\text{SO}_4)(\text{OH})_6$
Crandallite	$\text{CaAl}_3(\text{PO}_4)_2(\text{OH})_5(\text{H}_2\text{O})$
Dewindtite	$\text{Pb}(\text{UO}_2)_3(\text{PO}_4)_2(\text{OH})_2(\text{H}_2\text{O})_3$
Diadochite	$\text{Fe}_2^{3+}(\text{SO}_4)(\text{PO}_4)(\text{OH})(\text{H}_2\text{O})_5$
Fluorapatite	$\text{Ca}_5(\text{PO}_4)_3\text{F}$
Goyazite	$\text{SrAl}_3(\text{PO}_4)_2(\text{OH})_5(\text{H}_2\text{O})$
Hydroxylapatite	$\text{Ca}_5(\text{PO}_4)_3(\text{OH})$
Isoclasite (TL)	$\text{Ca}_2(\text{PO}_4)(\text{OH})(\text{H}_2\text{O})_2$
Libethenite	$\text{Cu}_2(\text{PO}_4)(\text{OH})$
Ludjibajite	$\text{Cu}_5(\text{PO}_4)_2(\text{OH})_4$
Meta-autunite	$\text{Ca}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{6-8}$
Metatorbernite	$\text{Cu}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_8$
Meta-uranocircite	$\text{Ba}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{6-8}$
Monazite-(Ce)	$(\text{Ce},\text{La},\text{Nd},\text{Th})(\text{PO}_4)$
Mrázekite	$\text{Bi}_2\text{Cu}_3(\text{PO}_4)_2\text{O}_2(\text{OH})_2(\text{H}_2\text{O})_2$
Ningyoite	$\text{CaU}(\text{PO}_4)_2(\text{H}_2\text{O})_{1-2}$
Parsonsite	$\text{Pb}_2(\text{UO}_2)(\text{PO}_4)_2(\text{H}_2\text{O})_2$
Petitjeanite	$\text{Bi}_3(\text{PO}_4)_2\text{O}(\text{OH})$
Phosphuranylite	$(\text{H}_3\text{O})_3\text{KCa}(\text{UO}_2)_7(\text{PO}_4)_4\text{O}_4(\text{H}_2\text{O})_8$
Phosphowalpurkite	$(\text{BiO})_4(\text{UO}_2)(\text{PO}_4)_2(\text{H}_2\text{O})_2$
Plumbogummite	$\text{PbAl}_3(\text{PO}_4)_2(\text{OH})_5(\text{H}_2\text{O})$

Pseudomalachite	$\text{Cu}_5(\text{PO}_4)_2(\text{OH})$
Pyromorphite	$\text{Pb}_5(\text{PO}_4)_3\text{Cl}$
Scorzalite	$(\text{Fe}^{2+}, \text{Mg})\text{Al}_2(\text{PO}_4)_2(\text{OH})_2$
Smrkovecrite	$\text{Bi}_2\text{O}(\text{OH})(\text{PO}_4)$
Torbernite (TL)	$\text{Cu}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{12}$
Uranocircite	$\text{Ba}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{10}$
Uranospathite	$(\text{Al}, \square)(\text{UO}_2)_2(\text{PO}_4)_2\text{F}(\text{H}_2\text{O}, \text{F})_{20}$
Vivianite	$\text{Fe}_3^{2+}(\text{PO}_4)_2(\text{H}_2\text{O})_8$
Vochtenite	$(\text{Fe}^{2+}, \text{Mg})\text{Fe}^{3+}[(\text{UO}_2)(\text{PO}_4)]_4(\text{OH})(\text{H}_2\text{O})_{12-13}$
Xenotime-(Y)	$(\text{Y}, \text{U}, \text{Ca})\text{PO}_4$
Yingjiangite	$\text{K}_2\text{Ca}(\text{UO}_2)_7(\text{PO}_4)_4(\text{OH})_6(\text{H}_2\text{O})_6$

ARSENATES	
Adamite	$\text{Zn}_2(\text{AsO}_4)(\text{OH})$
Agardite-(Y)	$(\text{Y}, \text{Ca})\text{Cu}_6(\text{AsO}_4)_3(\text{OH})_6(\text{H}_2\text{O})_3$
Annabergite	$\text{Ni}_3(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Arsenuranospathite	$\text{HAl}(\text{UO}_2)_4(\text{AsO}_4)_4(\text{H}_2\text{O})_{40}$
Atelestite	$\text{Bi}_2(\text{AsO}_4)\text{O}(\text{OH})$
Bayldonite	$\text{Pb}(\text{Cu}, \text{Zn})_3(\text{AsO}_3\text{OH})_2(\text{OH})_2$
Beudantite	$\text{PbFe}_3^{3+}(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$
Brassite (TL)	$\text{Mg}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})_4$
Chalcophyllite	$\text{Cu}_{18}\text{Al}_2(\text{AsO}_4)_3(\text{SO}_4)_3(\text{OH})_{27}(\text{H}_2\text{O})_{33}$
Chenevixite	$\text{Cu}_2\text{Fe}_2^{3+}(\text{AsO}_4)_2(\text{OH})_4$
Cobaltkoritnigite	$(\text{Co}, \text{Zn})(\text{AsO}_3\text{OH})(\text{H}_2\text{O})$
Conichalcite	$\text{CaCu}(\text{AsO}_4)(\text{OH})$
Cornwallite	$\text{Cu}_5(\text{AsO}_4)_2(\text{OH})_4(\text{H}_2\text{O})$
Duftite	$\text{PbCu}(\text{AsO}_4)(\text{OH})$
Erythrite	$\text{Co}_3(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Fluckite	$\text{CaMn}^{2+}(\text{HAsO}_4)_2(\text{H}_2\text{O})_2$
Geminite	$\text{Cu}(\text{HAsO}_4)(\text{H}_2\text{O})$
Guérintite	$\text{Ca}_5(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2(\text{H}_2\text{O})_9$
Haidingerite (TL)	$\text{Ca}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})$
Hidalgoite	$\text{PbAl}_3(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$
Hedyphane	$\text{Pb}_3\text{Ca}_2(\text{AsO}_4)_3\text{Cl}$
Hörnesite	$\text{Mg}_3(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Irthemitite	$\text{Ca}_4\text{Mg}(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2(\text{H}_2\text{O})_4$
Kaatialaite	$\text{Fe}_3^{3+}(\text{H}_2\text{AsO}_4)_3(\text{H}_2\text{O})_5$
Kahlerite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{12}$
Kaňkite	$\text{Fe}^{3+}(\text{AsO}_4)(\text{H}_2\text{O})_{3,5}$
Klajite	$\text{MnCu}_4(\text{AsO}_4)_2(\text{HAsO}_4)_2(\text{H}_2\text{O})_{9-10}$
Koritnigite	$\text{Zn}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})$
Köttigite	$\text{Zn}_3(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Krautite	$\text{Mn}^{2+}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})$

Lavendulan ?(TL)?	$\text{NaCaCu}_5(\text{AsO}_4)_4\text{Cl}(\text{H}_2\text{O})_5$
Lindackerite (TL)	$(\text{Cu,Co,Ni})\text{Cu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2(\text{H}_2\text{O})_9$
Mcnearite	$\text{NaCa}_5(\text{AsO}_4)(\text{HAsO}_4)_4(\text{H}_2\text{O})_4$
Metakahlerite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Metakirchheimerite	$\text{Co}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Metaloděvite	$\text{Zn}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{10}$
Metanováčekite	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_6$
Metarauchite (TL)	$\text{Ni}(\text{UO}_2\text{AsO}_4)_2(\text{H}_2\text{O})_6$
Meta-uranospinite	$\text{Ca}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Metazeunerite	$\text{Cu}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Mimetite	$\text{Pb}_5(\text{AsO}_4)_3\text{Cl}$
Mixite (TL)	$\text{BiCu}_6(\text{AsO}_4)_3(\text{OH})_6(\text{H}_2\text{O})_3$
Nováčekite	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{12}$
Olivenite	$\text{Cu}_2(\text{AsO}_4)(\text{OH})$
Ondrušite (TL)	$\text{CaCu}_4(\text{AsO}_4)_2(\text{HAsO}_4)_2(\text{H}_2\text{O})_{10}$
Parascorodite	$\text{Fe}^{3+}(\text{AsO}_4)(\text{H}_2\text{O})_2$
Parasymplesite	$\text{Fe}_3^{2+}(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Parnauite	$\text{Cu}_9(\text{AsO}_4)_2(\text{SO}_4)(\text{OH})_{10}(\text{H}_2\text{O})_7$
Pharmacolite	$\text{Ca}(\text{HAsO}_4)(\text{H}_2\text{O})_2$
Pharmacosiderite	$\text{KFe}_4^{3+}(\text{AsO}_4)_3(\text{OH})_4(\text{H}_2\text{O})_7$
Philipsbornite	$\text{PbAl}_3(\text{AsO}_4)_2(\text{OH})_5(\text{H}_2\text{O})$
Picropharmacolite	$\text{Ca}_4\text{Mg}(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{11}$
Pitticite	$(\text{Fe, AsO}_4, \text{SO}_4, \text{H}_2\text{O})$
Pradetite	$\text{CoCu}_4(\text{AsO}_4)_2(\text{HAsO}_4)_2(\text{H}_2\text{O})_9$
Preisingerite	$\text{Bi}_3(\text{AsO}_4)_2\text{O}(\text{OH})$
Pushcharovskite	$\text{Cu}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})_{1.5}$
Rauenthalite	$\text{Ca}_3(\text{AsO}_4)_2(\text{H}_2\text{O})_{10}$
Rooseveltite	$\text{Bi}(\text{AsO}_4)$
Rösslerite	$\text{Mg}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})_7$
Sainfeldite	$\text{Ca}_5(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2(\text{H}_2\text{O})_4$
Scorodite	$\text{Fe}^{3+}(\text{AsO}_4)(\text{H}_2\text{O})_2$
Schultenite	$\text{Pb}(\text{HAsO}_4)$
Segnitite	$\text{PbFe}_3^{3+}(\text{AsO}_4)_2(\text{OH})_6(\text{H}_2\text{O})_6$
Slavkovite (TL)	$\text{Cu}_{13}(\text{AsO}_4)_6(\text{AsO}_3\text{OH})_4(\text{H}_2\text{O})_{23}$
Štěpíte (TL)	$\text{U}^{4+}(\text{AsO}_3\text{OH})_2(\text{H}_2\text{O})_4$
Strashimirite	$\text{Cu}_8(\text{AsO}_4)_4(\text{OH})_4(\text{H}_2\text{O})_5$
Svabite	$\text{Ca}_5(\text{AsO}_4)_3\text{F}$
Švenekite (TL)	$\text{Ca}(\text{H}_2\text{AsO}_4)_2$
Symplesite	$\text{Fe}_3^{3+}(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Talmessite	$\text{Ca}_2\text{Mg}(\text{AsO}_4)_2(\text{H}_2\text{O})_2$
Trögerite	$\text{H}_2(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_8$
Uranospinite	$\text{Ca}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{10}$
Vajdakite (TL)	$[(\text{MoO}_2)_2\text{As}_2\text{O}_5(\text{H}_2\text{O})_2](\text{H}_2\text{O})$
Veselovskýite (TL)	$\text{ZnCu}_4(\text{AsO}_4)_2(\text{HAsO}_4)_2(\text{H}_2\text{O})_9$

Villyaellenite	$\text{Mn}_5^{2+}(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2(\text{H}_2\text{O})_4$
Walpurgite	$\text{Bi}_4(\text{UO}_2)(\text{AsO}_4)_2\text{O}_4(\text{H}_2\text{O})_2$
Weilite	$\text{Ca}(\text{HAsO}_4)$
Yvonite	$\text{Cu}(\text{AsO}_3\text{OH})(\text{H}_2\text{O})_2$
Zeunerite	$\text{Cu}(\text{UO}_2)_2(\text{AsO}_4)_2(\text{H}_2\text{O})_{10}$
Zýkaite	$\text{Fe}_4^{3+}(\text{AsO}_4)_3(\text{SO}_4)(\text{OH})(\text{H}_2\text{O})_{15}$

VANADATES	
Curienite	$\text{Pb}(\text{UO}_2)_2(\text{VO}_4)_2(\text{H}_2\text{O})_5$
Descloizite	$\text{Pb}(\text{Zn,Cu})(\text{VO}_4)(\text{OH})$
Metatyuyamunite	$\text{Ca}(\text{UO}_2)_2(\text{VO}_4)_2(\text{H}_2\text{O})_{3-5}$
Mottramite	$\text{PbCu}(\text{VO}_4)(\text{OH})$
Namibite	$\text{Cu}(\text{BiO})_2(\text{VO}_4)(\text{OH})$
Pucherite	$\text{Bi}(\text{VO}_4)$
Tyuyamunite	$\text{Ca}(\text{UO}_2)_2(\text{VO}_4)_2(\text{H}_2\text{O})_{5-8}$

MOLYBDATES and WOLFRAMATES	
Ferberite	$\text{Fe}^{2+}(\text{WO}_4)$
Hübnerite	$\text{Mn}^{2+}(\text{WO}_4)$
Scheelite	$\text{Ca}(\text{WO}_4)$
Wulfenite	$\text{Pb}(\text{MoO}_4)$

SULFATES	
Adolfpateraite (TL)	$\text{K}[(\text{UO}_2)(\text{SO}_4)(\text{OH})(\text{H}_2\text{O})]$
Alunogen	$\text{Al}_2(\text{SO}_4)_3(\text{H}_2\text{O})_{17}$
Anglesite	$\text{Pb}(\text{SO}_4)$
Antlerite	$\text{Cu}_3(\text{SO}_4)(\text{OH})_4$
Apjohnite	$\text{Mn}^{2+}\text{Al}_2(\text{SO}_4)_4(\text{H}_2\text{O})_{22}$
Barite	$\text{Ba}(\text{SO}_4)$
Beaverite	$\text{Pb}(\text{Fe}^{3+},\text{Cu})_3(\text{SO}_4)_2(\text{OH})_6$
Běhounekite (TL)	$\text{U}(\text{SO}_4)_2(\text{H}_2\text{O})_4$
Bieberite	$\text{Co}(\text{SO}_4)(\text{H}_2\text{O})_7$
Boyleite	$(\text{Zn,Mg})\text{SO}_4(\text{H}_2\text{O})_4$
Brochantite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6$
Chalcanthite	$\text{Cu}(\text{SO}_4)(\text{H}_2\text{O})_5$
Chvalteiceite	$(\text{Mn}^{2+},\text{Mg})(\text{SO}_4)(\text{H}_2\text{O})_6$
Cobaltkieserite	$(\text{CoSO}_4)(\text{H}_2\text{O})$
Copiapite	$\text{Fe}^{2+}\text{Fe}_4^{3+}(\text{SO}_4)_6(\text{OH})_2(\text{H}_2\text{O})_{20}$
Coquimbite	$\text{Fe}_2^{3+}(\text{SO}_4)_3(\text{H}_2\text{O})_9$
Deliensite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2(\text{H}_2\text{O})_3$

Devilline	$\text{CaCu}_4(\text{OH})_6(\text{SO}_4)_2(\text{H}_2\text{O})_3$
Dwornikite	$(\text{Ni}, \text{Fe}^{2+})(\text{SO}_4)(\text{H}_2\text{O})$
Epsomite	$\text{Mg}(\text{SO}_4)(\text{H}_2\text{O})_7$
Ferrohexahydrite	$\text{Fe}^{2+}(\text{SO}_4)(\text{H}_2\text{O})_6$
Goslarite	$\text{Zn}(\text{SO}_4)(\text{H}_2\text{O})_7$
Gunningite	$(\text{Zn}, \text{Mn}^{2+})(\text{SO}_4)(\text{H}_2\text{O})$
Gypsum	$\text{Ca}(\text{SO}_4)(\text{H}_2\text{O})_2$
Halotrichite	$\text{Fe}^{2+}\text{Al}_2(\text{SO}_4)_4(\text{H}_2\text{O})_{22}$
Hexahydrite	$\text{Mg}(\text{SO}_4)(\text{H}_2\text{O})_6$
Hydronium jarosite	$(\text{H}_3\text{O})\text{Fe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$
Jáchymovite (TL)	$(\text{UO}_2)_8(\text{SO}_4)(\text{OH})_{14}(\text{H}_2\text{O})_{13}$
Jarosite	$\text{KFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$
Johannite (TL)	$\text{Cu}(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2(\text{H}_2\text{O})_8$
Langite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6(\text{H}_2\text{O})_2$
Linarite	$\text{PbCu}(\text{SO}_4)(\text{OH})_2$
Magnesian zippeite	$\text{Mg}(\text{UO}_2)_2(\text{SO}_4)(\text{OH})_4(\text{H}_2\text{O})_{1.5}$
Mallardite	$\text{Mn}^{2+}(\text{SO}_4)(\text{H}_2\text{O})_7$
Marécottite	$\text{Mg}_3(\text{H}_2\text{O})_{18}[(\text{UO}_2)_4\text{O}_3(\text{OH})(\text{SO}_4)_2]_2(\text{H}_2\text{O})_{10}$
Melanterite	$\text{Fe}^{2+}(\text{SO}_4)(\text{H}_2\text{O})_7$
Meta-uranopilite (TL)	$(\text{UO}_2)_6(\text{SO}_4)(\text{OH})_{10}(\text{H}_2\text{O})_5$
Metavoltine	$\text{Na}_6\text{K}_2\text{Fe}^{2+}\text{Fe}^{3+}_3(\text{SO}_4)_{12}\text{O}_2(\text{H}_2\text{O})_{18}$
Moorhouseite	$(\text{Co}, \text{Ni}, \text{Mn})(\text{SO}_4)(\text{H}_2\text{O})_6$
Morenosite	$\text{Ni}(\text{SO}_4)(\text{H}_2\text{O})_7$
Natrojarosite	$\text{NaFe}_3^{3+}(\text{SO}_4)_2(\text{OH})_6$
Natrozippeite	$\text{Na}_4(\text{UO}_2)_6(\text{SO}_4)_3(\text{OH})_{10}(\text{H}_2\text{O})_4$
Nickelblödite	$\text{Na}_2(\text{Ni}, \text{Mg})(\text{SO}_4)_2(\text{H}_2\text{O})_4$
Nickel-zippeite (TL)	$\text{Ni}_2(\text{UO}_2)_6(\text{SO}_4)_3(\text{OH})_{10}(\text{H}_2\text{O})_{16}$
Nickelhexahydrite	$(\text{Ni}, \text{Mg}, \text{Fe}^{2+})(\text{SO}_4)(\text{H}_2\text{O})_6$
Picromerite	$\text{K}_2\text{Mg}(\text{SO}_4)_2(\text{H}_2\text{O})_6$
Plumbojarosite	$\text{PbFe}^{3+}_6(\text{SO}_4)_4(\text{OH})_{12}$
Posnjakite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6(\text{H}_2\text{O})$
Pseudojohannite (TL)	$\text{Cu}_5(\text{UO}_2)_6(\text{SO}_4)_3(\text{OH})_{16}(\text{H}_2\text{O})_{14}$
Rabejacite	$\text{Ca}(\text{UO}_2)_4(\text{SO}_4)_2(\text{OH})_6(\text{H}_2\text{O})_6$
Retgersite	$\text{Ni}(\text{SO}_4)(\text{H}_2\text{O})_6$
Rhombochase	$\text{HFe}^{3+}(\text{SO}_4)_2(\text{H}_2\text{O})_4$
Römerite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{SO}_4)_4(\text{H}_2\text{O})_{14}$
Rozenite	$\text{Fe}^{2+}(\text{SO}_4)(\text{H}_2\text{O})_4$
Schulenbergite	$(\text{Cu}, \text{Zn})_7(\text{SO}_4, \text{CO}_3)_2(\text{OH})_{10}(\text{H}_2\text{O})_3$
Schwertmannite	$\text{Fe}_{16}^{3+}(\text{OH}, \text{SO}_4)_{12-13}\text{O}_{16}(\text{H}_2\text{O})_{10-12}$
Sejkoraite-(Y) (TL)	$\text{Y}_2[(\text{UO}_2)_8\text{O}_6(\text{OH})_2(\text{SO}_4)_4](\text{H}_2\text{O})_{26}$
Sideronatrite	$\text{Na}_2\text{Fe}^{3+}(\text{SO}_4)_2(\text{OH})(\text{H}_2\text{O})_3$
Sodium-zippeite	$\text{Na}_4(\text{UO}_2)_6(\text{SO}_4)_3(\text{OH})_{10}(\text{H}_2\text{O})_{16}$
Szomolnokite	$\text{Fe}^{2+}(\text{SO}_4)(\text{H}_2\text{O})$
Thenardite	$\text{Na}_2(\text{SO}_4)$

Uranopilite (TL)	$(\text{UO}_2)_6(\text{SO}_4)(\text{OH})_{10}(\text{H}_2\text{O})_{12}$
Zippeite (TL)	$\text{K}_4(\text{UO}_2)_6(\text{SO}_4)_2(\text{OH})_{10}(\text{H}_2\text{O})_4$

SILICATES	
Actinolite	$\text{Ca}_2(\text{Mg}, \text{Fe}^{2+})_5\text{Si}_8\text{O}_{22}(\text{OH})_2$
Albite	$\text{NaAlSi}_3\text{O}_8$
Allanite	$(\text{Ce}, \text{Ca}, \text{Y})_2(\text{Al}, \text{Fe}^{2+}, \text{Fe}^{3+})_3(\text{SiO}_4)_3(\text{OH})$
Almandine	$\text{Fe}_3^{2+}\text{Al}_2(\text{SiO}_4)_3$
Analcime	$\text{NaAl}(\text{Si}_2\text{O}_6)(\text{H}_2\text{O})$
Andradite	$\text{Ca}_3\text{Fe}_2^{3+}(\text{SiO}_4)_3$
Annite	$\text{KFe}_3^{2+}\text{AlSi}_3\text{O}_{10}(\text{OH}, \text{F})_2$
Antigorite	$(\text{Mg}, \text{Fe}^{2+})_3\text{Si}_2\text{O}_5(\text{OH})_4$
Anthophyllite	$\text{Mg}_7(\text{Si}_8\text{O}_{22})(\text{OH})_2$
Apophyllite	$\text{KCa}_4(\text{Si}_4\text{O}_{10})_2(\text{F}, \text{OH})(\text{H}_2\text{O})_8$
Augite	$(\text{Ca}, \text{Na})(\text{Mg}, \text{Fe}, \text{Al}, \text{Ti})(\text{Si}, \text{Al})_2\text{O}_6$
Bismutoferrite	$\text{BiFe}_2^{3+}(\text{SiO}_4)_2(\text{OH})$
Boltwoodite	$(\text{H}_3\text{O})(\text{K}, \text{Na})(\text{UO}_2)(\text{SiO}_4)(\text{H}_2\text{O})$
Chamosite	$(\text{Fe}^{2+}, \text{MgAl})_6(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_8$
Chloritoid	$(\text{Fe}^{2+}, \text{Mg}, \text{Mn}^{2+})_2\text{Al}_4\text{Si}_2\text{O}_{10}(\text{OH})_4$
Chrysocolla	$\text{Cu}_{2-x}\text{Al}_x(\text{H}_{2-x}\text{Si}_2\text{O}_5)(\text{OH})_4(\text{H}_2\text{O})_n \quad (x < 1)$
Coffinite	$(\text{U}^{4+}, \text{Th})(\text{SiO}_4)_{1-x}(\text{OH})_{4x}$
Cuprosklodowskite	$(\text{H}_3\text{O})_2\text{Cu}(\text{UO}_2)_2(\text{SiO}_4)_2(\text{H}_2\text{O})_2$
Dickite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$
Diopside	$\text{CaMg}(\text{Si}_2\text{O}_6)$
Dravite	$\text{NaMg}_3\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_4$
Epidote	$\text{Ca}_2(\text{Fe}^{3+}, \text{Al})_3(\text{SiO}_4)_3(\text{OH})$
Eulytite	$\text{Bi}_4(\text{SiO}_4)_3$
Forsterite	Mg_2SiO_4
Grossular	$\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$
Hemimorphite	$\text{Zn}_4\text{Si}_2\text{O}_7(\text{OH})_2 \cdot (\text{H}_2\text{O})$
Hyalophane	$(\text{K}, \text{Ba})\text{Al}(\text{Si}, \text{Al})_3\text{O}_8$
Illite	$\text{K}_{0.65}\text{Al}_{2.00}\square\text{Al}_{0.65}\text{Si}_{3.35}\text{O}_{10}(\text{OH})_2$
Kaolinite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$
Kasolite	$\text{Pb}(\text{UO}_2)(\text{SiO}_4)(\text{H}_2\text{O})$
Leucite	$\text{K}(\text{AlSi}_2\text{O}_6)$
Marialite	$\text{Na}_4\text{Al}_3\text{Si}_9\text{O}_{24}\text{Cl}$
Microcline	KAlSi_3O_8
Montmorillonite	$(\text{Na}, \text{Ca})_{0.33}(\text{Al}, \text{Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2(\text{H}_2\text{O})_n$
Muscovite	$\text{KAl}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH}, \text{F})_2$
Natrolite	$\text{Na}_2\text{Al}_2\text{Si}_3\text{O}_{10}(\text{H}_2\text{O})_2$
Nepheline	$(\text{Na}, \text{K})\text{AlSiO}_4$
Nontronite	$\text{Na}_{0.3}\text{Fe}_2^{3+}(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2(\text{H}_2\text{O})_4$
Orthoclase	KAlSi_3O_8

Palygorskite	$(\text{Mg,Al})_2\text{Si}_4\text{O}_{10}(\text{OH})(\text{H}_2\text{O})_4$
Phillipsite	$(\text{Na,K,Ca})_{1-2}(\text{Si,Al})_8\text{O}_{16}(\text{H}_2\text{O})_6$
Phlogopite	$\text{KMg}_3\text{AlSi}_3\text{O}_{10}(\text{OH,F})_2$
Prehnite	$\text{Ca}_2\text{Al}_2\text{Si}_3\text{O}_{10}(\text{OH})$
Roscoelite	$(\text{K},\square)(\text{V,Al})_2\text{AlSi}_3\text{O}_{10}(\text{OH})_2$
Sanidine	KAlSi_3O_8
Scapolite	$\text{Na}_2\text{Ca}_2\text{Al}_5\text{Si}_7\text{O}_{24}\text{Cl}$
Schorl	$\text{NaFe}_3^{2+}\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_4$
Sklodowskite	$(\text{H}_3\text{O})_2\text{Mg}(\text{UO}_2)_2(\text{SiO}_4)_2(\text{H}_2\text{O})_4$
Soddyite	$(\text{UO}_2)_2(\text{SiO}_4)(\text{H}_2\text{O})_2$
Talc	$\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$
Thorite	$(\text{Th,U})(\text{SiO}_4)$
Titanite	CaTiSiO_5
Topaz	$\text{Al}_2\text{SiO}_4(\text{F,OH})_2$
Uranophane	$\text{Ca}(\text{UO}_2)_2(\text{HSiO}_4)_2(\text{H}_2\text{O})_5$
Uranophane-beta (TL)	$\text{Ca}(\text{UO}_2)_2(\text{HSiO}_4)_2(\text{H}_2\text{O})_5$
Vesuvianite	$\text{Ca}_{10}\text{Mg}_2\text{Al}_4(\text{Si}_2\text{O}_7)_2(\text{SiO}_4)_5(\text{OH})_4$
Weeksite	$\text{K}_2(\text{UO}_2)_2\text{Si}_6\text{O}_{15}(\text{H}_2\text{O})_4$
Wollastonite	CaSiO_3
Zircon	ZrSiO_4