



经国际矿物协会 (IMA) 新矿物与矿物命名委员会批准
1985—1986年发表的新矿物

矿物名称	英文名称	化学成分式	参考文献
氯羟锡石	Abhurite	$\text{Sn}_2\text{O}(\text{OH})_2\text{Cl}_2$	C. M. 23, pt2, 223
巴格达石	Baghdadite*	$\text{Ca}_3\text{Zr}[\text{O}_2 \text{Si}_2\text{O}_7]$	M. M. 50, 1, 1986
卡硅铁镁石	Carlosturanite	$\text{M}_{21}[\text{T}_{12}\text{O}_{28}(\text{OH})_4](\text{OH})_{20}\cdot\text{H}_2\text{O}$ M:Mg>>Fe ²⁺ +Ti, Mn; T:Si>>Al	A. M. 70, 7-8
陈铜铅矾	Chenite*	$\text{Pb}_4\text{Cu}(\text{SO}_4)(\text{OH})_6$	M. M. 50, 1, 1986
六水锰矾	Chvaleticeite*	$(\text{Mn}, \text{Mg})\text{SO}_4\cdot 6\text{H}_2\text{O}$	NJb.1986, Hf3
水磷铍钙石	Ehrleite	$\text{Ca}_4\text{Be}_2\text{Zn}_2(\text{PO}_4)_6\cdot 9\text{H}_2\text{O}$	C. M. 23, 3, 507
芬钒铜矿	Fingerite	$\text{Cu}_{11}\text{O}_2(\text{VO}_4)_6$	A. M. 70, 1-2
亚砷铜铅石	Freedite	$\text{Pb}_{15}(\text{Cu}, \text{Fe})_3^2+\text{As}_3^3+\text{O}_{19}\text{Cl}_{10}$	A. M. 70, 7-8
砷铍铝石	Gerdtrammelite	$(\text{Zn}, \text{Fe})(\text{Al}, \text{Fe})_2[(\text{AsO}_4) (\text{OH})_6]$	NJb. Mh. 1, 1985
碳铅铍石	Gysinite	$\text{Pb}(\text{Nd}, \text{La})(\text{CO}_3)_2(\text{OH})\cdot\text{H}_2\text{O}$	A. M. 70, 11-12
半水亚硫酸钙石	Hannebachite	$\text{CaSO}_3\cdot\frac{1}{2}\text{H}_2\text{O}$	NJb. Mh. 4, 1985
羟碳铍石	Hydroxyl-bastnaesite (Nd)	$(\text{Nd}, \text{La})\text{CO}_3(\text{OH}, \text{F}) \text{Nd}>\text{La},$ $\text{OH}>\text{F}$	M. M. 49, 5, 717
杂铅矿	Izoklakeite*	$\text{Pb}_{45.94} \text{Sb}_{22.30} \text{Bi}_{20.04} \text{Ag}_{3.76}$ $\text{Cu}_{3.21} \text{Fe}_{0.73} \text{S}_{108.21}$	C. M. 24, pt1, 1986
碳钠镍石	Kambaldaite	$\text{Na}_2\text{Ni}_3(\text{CO}_3)_6(\text{OH})_6\cdot 6\text{H}_2\text{O}$	A. M. 70, 3-4
羟钽矿	Kimrobinsonite	$(\text{Ta}, \text{Nb})(\text{OH})_{5-2x}(\text{O}, \text{CO}_3)_x$ $x\approx 1.2$	C. M. 23, pt4
钼铁矿	Kamiokite 应为 Kamiokaite	$\text{Fe}_2\text{Mo}_3\text{O}_8$ 勿与 Kamiokalite 混淆, 后者为磷铜铍矿	Min. Journ. 12, 8
硫砷铋铅矿	Kirkiite	$\text{Pb}_{10}\text{Bi}_3\text{As}_3\text{S}_{19}$	Bull. Min.108, 5, 1985
氯碲铅矿	Kolarite	PbTeCl_2	C. M. 23, 3, 501
碳铈石	Lanthanite(Ce)	$(\text{Ce}, \text{La}, \text{Nd})_2(\text{CO}_3)_3\cdot 8\text{H}_2\text{O}$	A. M. 70, 3-4
玛莫石	Mammothite	$\text{AlCu}_4\text{Pb}_6\text{Sb}(\text{SO}_4)_2\text{Cl}_4(\text{OH})_{18}$	A. M. 70, 1-2
钡钒钛石	Mannardite*	$(\text{Ba}\cdot\text{H}_2\text{O})(\text{Ti}_6\text{V}_2^+)\text{O}_{18}$	C. M. 24, pt1
硅铈铅石	Mathewrogersite*	$\text{Pb}_7(\text{Fe}, \text{Cu})\text{GeAl}_3\text{Si}_{12}\text{O}_{36}(\text{OH}, \text{H}_2\text{O},$ $\square)_6$	NJb. Mh. 5, 1986
羟铋钠石	Mopungite	$\text{NaSb}(\text{OH})_6$	A. M. 70, 11-12
多钠硅铈锰石	Natronabulite	$(\text{Na}, \text{Li})(\text{Mn}, \text{Ca})_4\text{Si}_5\text{O}_{14}(\text{OH})$	Min. Journ. 12, 7
正铈钙铜矾	Orthoserpierite	$\text{Ca}(\text{Cu}, \text{Zn})_4(\text{SO}_4)_2(\text{OH})_6\cdot 3\text{H}_2\text{O}$	Schweiz. Min. Petro. Mitt. 65, 1, 1
帕德矿	Paderaite	$\text{Cu}_{5.9} \text{Ag}_{1.3} \text{Pb}_{1.6} \text{Bi}_{11.2} \text{S}_{22}$	NJb. Mh. 12, 1985
菲羟砷铜石	Philipsburgite	$(\text{Cu}, \text{Zn})_6(\text{AsO}_4, \text{PO}_4)_2(\text{OH})_6\cdot\text{H}_2\text{O}$	C. M. 23, pt2, 255
羟钡铀矿	Protasite	$\text{Ba}[(\text{UO}_2)_3\text{O}_5(\text{OH})_2]$	M. M. 50, 1, 1985
铁钛镁尖晶石	Qandilite	$[(\text{Mg}_{1.20}\text{Ti}_{0.60})][(\text{Fe}_{0.28}^{2+} \text{Mg}_{0.12}$ $\text{Mn}_{0.02})(\text{Fe}_{0.64}^{3+} \text{Al}_{0.17})]\text{O}_4$	M. M. 49, 5, 739
氯碲铅矿	Radhakrishnaite	$\text{PbTe}_3(\text{Cl}, \text{S})_2$	C. M. 23, 3, 501

续表

矿物名称	英文名称	化学成分式	参考文献
五水羟铜矾	Ramsbeckite	$(\text{Cu, Zn})_7(\text{SO}_4)_2(\text{OH})_{10} \cdot 5\text{H}_2\text{O}$	NJb. Mh. 12, 1985
四水碳钙矾	Rapidcreekite*	$\text{Ca}_2(\text{SO}_4)(\text{CO}_3) \cdot 4\text{H}_2\text{O}$	C. M. 24, pt1, 1986
陨水硫钠铬矿	Schoellhornite	$\text{Na}_{0.3}(\text{H}_2\text{O})[\text{CrS}_2]$	A. M. 70, 5-6
铝锰矾	Shigaite	$\text{Al}_4\text{Mn}_7(\text{SO}_4)_2(\text{OH})_{22} \cdot 8\text{H}_2\text{O}$	NJb. Mh. 10, 1985
水钼矿	Sidwillite	$\text{MoO}_3 \cdot 2\text{H}_2\text{O}$	Bull. Min. 108, 6, 813
钠毒铁石	Sodium-pharmacosiderite*	$\text{Na}_2(\text{OH})[\text{Fe}_2^+(\text{AsO}_4)_3(\text{OH})_4] \cdot 7\text{H}_2\text{O}$	A. M. 71, 1-2
腾冲矿	Tengchongite	$\text{CaO} \cdot 6\text{UO}_3 \cdot 2\text{MoO}_3 \cdot 12\text{H}_2\text{O}$	Kexue Tongbao no. 13, 1011-1015, 1985
水砷铜铅石	Thometzekite	$\text{Pb}(\text{Cu, Zn})_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	NJb. Mh. 10, 1985
氯砷铋铅矿	Thorikosite	$(\text{Pb}_3\text{Sb}_{0.60}\text{As}_{0.40})(\text{O}_3\text{OH})\text{Cl}_2$	A. M. 70, 7-8
氯砷钙石	Turneaureite	$\text{Ca}_5[(\text{As, P})\text{O}_4]_3\text{Cl}$	C. M. 23, pt2, 251
水砷氢锰石	Villyaellenite**	$\text{H}_2(\text{Mn, Ca})_5(\text{AsO}_4)_4 \cdot 4\text{H}_2\text{O}$	Schweiz. Min. Petro. Mitt. 64, Hf. 3, 1984
硫银铋铅矿	Zoubekeite*	$\text{AgPb}_4\text{Sb}_4\text{S}_{10}$ 本矿物在原文中未提是否已被 IMA, CNMMN 批准	NJb. Mh. 1, 1986
二铝铜矿	Khatyrkite	$(\text{Cu, Zn})\text{Al}_2$	Zap. 114, 90
铝铜矿	Cupalite	$(\text{Cu, Zn})\text{Al}$	Zap. 114, 90
硫铈铜矿	Cuprorhodsite	CuRh_2S_4	Zap. 114, 187
硫铈铜矿	Cuproiridsite	CuIr_2S_4	Zap. 114, 187
硫铈铈铜矿	Kashinite	$(\text{Ir, Rh})_2\text{S}_3$	Zap. 114, 617
硫铈铈矿	Kalininite	ZnCr_2S_4	Zap. 114, 622
硒铋银矿	Selenostephanite	$\text{Ag}_5\text{Sb}(\text{Se, S})_4$	Zap. 114, 627
铬钒辉石	Natalyite	$(\text{Na})(\text{V, Cr})\text{Si}_2\text{O}_6$	Zap. 114, 630
硅锰钡锶石	Taikanite	$\text{Sr}_3\text{BaMn}_2\text{Si}_4\text{O}_{14}$ 或 $(\text{Sr, Ba})_5\text{Mn}_3\text{Si}_5\text{O}_{18}$	Zap. 114, 635
钠铝电气石	Olenite	$\text{Na}_{1-x}\text{Al}_3\text{B}_6\text{Si}_6\text{O}_{27}(\text{O, OH})_4$	Zap. 115, 119
五硫砷矿	Usovite	As_4S_5	Zap. 114, 369
羟硅铌钙石	Mongolite	$\text{Ca}_4\text{Nb}_6[\text{Si}_5\text{O}_{20}]_4(\text{OH})_{10} \cdot n\text{H}_2\text{O}$	Zap. 114, 374
砷铈矿	Cherepanovite	RhAs	Zap. 114, 464
钙铁矿	Srebrodolskite	$\text{Ca}_2\text{Fe}_2\text{O}_5$	Zap. 114, 195
氟羟硅铝钇石	Kuliokite(Y)	$\text{Y}_4\text{Al}(\text{SiO}_4)_2(\text{OH})_2\text{F}_5$	M. Ж. Т8, N2, 94

* 为1986年发表的新矿物; ** 为1984年发表的新矿物

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新矿物与矿物命名委员会 郭宗山、罗谷风、关雅先、王濮供稿