

VIII. Klasse. Phosphate, Arsenate, Vanadate

Abteilung C: Ohne fremde Anionen, wasserhaltig mit kleinen und mittelgroßen Kationen

Mineral	Formel	Zusammensetzung in Masse-%							
		MnO		MgO		Fe ₂ O ₃		BeO	
Faheyit	Mn _{0,5} Mg _{0,5} Fe ₂ Be ₂ (PO ₄) ₄ *6H ₂ O	MnO	5,90	MgO	2,02	Fe ₂ O ₃	23,90	BeO	3,00
		P ₂ O ₅	47,20	H ₂ O	17,98				
Huréaulith	Mn _{2,5} Fe _{2,5} H ₂ (PO ₄) ₄ *4H ₂ O	MnO	24,26	FeO	24,57	P ₂ O ₅	38,84	H ₂ O	12,33
Krautit	MnH(AsO ₄)*H ₂ O	MnO	33,32	As ₂ O ₅	53,99	H ₂ O	12,69		
Fervanit	Fe(VO ₄)*H ₂ O	Fe ₂ O ₃	42,29	V ₂ O ₅	48,17	H ₂ O	9,54		
Schubnelit	Fe(VO ₄)*H ₂ O	Fe ₂ O ₃	42,29	V ₂ O ₅	48,17	H ₂ O	9,54		
Volborthit	Cu ₃ (VO ₄) ₂ *3H ₂ O	CuO	50,28	V ₂ O ₅	11,39	H ₂ O	38,33		
Phosphoferrit	Fe _{2,25} Mn _{0,75} (PO ₄) ₂ *3H ₂ O	FeO	39,35	MnO	12,95	P ₂ O ₅	34,55	H ₂ O	13,15
Reddingit	Mn ₃ (PO ₄) ₂ *3H ₂ O	MnO	52,06	P ₂ O ₅	34,72	H ₂ O	13,22		
Klinovariscit	Al(PO ₄)*2H ₂ O	Al ₂ O ₃	32,27	P ₂ O ₅	44,92	H ₂ O	22,81		
Phosphosiderit	Fe(PO ₄)*2H ₂ O	Fe ₂ O ₃	42,74	P ₂ O ₅	37,98	H ₂ O	19,28		
Klinobarrandit	Al _{0,5} Fe _{0,5} (PO ₄)*2H ₂ O	Al ₂ O ₃	14,78	Fe ₂ O ₃	23,16	P ₂ O ₅	41,16	H ₂ O	20,90
Kolbeckit	Sc(PO ₄)*2H ₂ O	Sc ₂ O ₃	39,19	P ₂ O ₅	40,33	H ₂ O	20,48		
Variscit	Al(PO ₄)*2H ₂ O	Al ₂ O ₃	32,27	P ₂ O ₅	44,92	H ₂ O	22,81		
Strengit	Fe(PO ₄)*2H ₂ O	Fe ₂ O ₃	42,74	P ₂ O ₅	37,98	H ₂ O	19,28		
Mansfieldit	Al(PO ₄)*2H ₂ O	Al ₂ O ₃	32,27	P ₂ O ₅	44,92	H ₂ O	22,81		
Skorodit	Fe(AsO ₄)*2H ₂ O	Fe ₂ O ₃	34,60	As ₂ O ₅	49,79	H ₂ O	15,61		
Ludlamit	Fe ₃ (PO ₄) ₂ *2H ₂ O	FeO	54,77	P ₂ O ₅	36,07	H ₂ O	9,16		
Switzerit	Mn _{1,5} Fe _{1,5} (PO ₄) ₂ *2H ₂ O	MnO	27,13	FeO	27,48	P ₂ O ₅	36,20	H ₂ O	9,19
Phosphophyllit	Zn ₂ Fe(PO ₄) ₂ *4H ₂ O	ZnO	36,29	FeO	16,01	P ₂ O ₅	31,64	H ₂ O	16,06
Hopeit	Zn ₃ (PO ₄) ₂ *4H ₂ O	ZnO	53,29	P ₂ O ₅	30,98	H ₂ O	15,73		
Trichalcit	Cu ₃ (AsO ₄) ₂ *5H ₂ O	CuO	42,72	As ₂ O ₅	41,15	H ₂ O	16,13		
Lindackerit	(Cu,Co,Ni) ₅ H ₂ (AsO ₄) ₄ *9H ₂ O	CuO	13,15	CoO	9,74	NiO	13,67	As ₂ O ₅	45,58
		H ₂ O	17,86						
Smolyaninovit	(Co,Ni,Ca,Mg) ₃ FeAl(AsO ₄) ₄ *11H ₂ O	CoO	5,77	NiO	5,76	CaO	4,32	MgO	3,11
		Fe ₂ O ₃	8,20	Al ₂ O ₃	5,24	As ₂ O ₅	47,23	H ₂ O	20,36
Newberyit	MgH(PO ₄)*3H ₂ O	MgO	23,12	P ₂ O ₅	40,71	H ₂ O	36,17		
Konickit	Fe(PO ₄)*3H ₂ O	Fe ₂ O ₃	38,98	P ₂ O ₅	34,64	H ₂ O	26,38		
Forbesit	Ni _{0,5} Co _{0,5} H(AsO ₄)*3H ₂ O	NiO	14,77	CoO	14,82	As ₂ O ₅	45,47	H ₂ O	24,94
Kaňkit	Fe(AsO ₄)*3,5H ₂ O	Fe ₂ O ₃	30,97	As ₂ O ₅	44,57	H ₂ O	24,46		
Steigerit	Al(VO ₄)*3H ₂ O	Al ₂ O ₃	26,01	V ₂ O ₅	46,41	H ₂ O	27,58		
Schoderit	Al ₂ (PO ₄ /VO ₄)*8H ₂ O	Al ₂ O ₃	24,99	P ₂ O ₅	17,40	V ₂ O ₅	22,29	H ₂ O	35,32
Bobierit	Mg ₃ (PO ₄) ₂ *8H ₂ O	MgO	29,71	P ₂ O ₅	34,88	H ₂ O	35,41		
Mn-Hörnesit	Mn _{1,5} Mg _{1,5} (PO ₄) ₂ *8H ₂ O	MnO	23,49	MgO	13,35	P ₂ O ₅	31,34	H ₂ O	31,82
Barićit	Mg ₃ (PO ₄) ₂ *8H ₂ O	MgO	29,71	P ₂ O ₅	34,88	H ₂ O	35,41		
Vivianit	Fe ₃ (PO ₄) ₂ *8H ₂ O	FeO	42,97	P ₂ O ₅	28,30	H ₂ O	28,73		
Hörnesit	Mg ₃ (AsO ₄) ₂ *8H ₂ O	MgO	24,44	As ₂ O ₅	46,44	H ₂ O	29,12		
Parasymplesit	Fe ₃ (AsO ₄) ₂ *8H ₂ O	FeO	36,56	As ₂ O ₅	38,99	H ₂ O	24,45		
Erythrin	Co ₃ (AsO ₄) ₂ *8H ₂ O	CoO	37,54	As ₂ O ₅	38,39	H ₂ O	24,07		
Annabergit	Ni ₃ (AsO ₄) ₂ *8H ₂ O	NiO	37,47	As ₂ O ₅	38,43	H ₂ O	24,10		
Köttigit	Zn ₃ (AsO ₄) ₂ *8H ₂ O	ZnO	39,51	As ₂ O ₅	37,18	H ₂ O	23,31		
Metavivianit	Fe ₃ (PO ₄) ₂ *8H ₂ O	FeO	42,97	P ₂ O ₅	28,30	H ₂ O	28,73		
Symplesit	Fe ₃ (AsO ₄) ₂ *8H ₂ O	FeO	36,56	As ₂ O ₅	38,99	H ₂ O	24,45		
Brassit	MgH(AsO ₄)*4H ₂ O	MgO	17,06	As ₂ O ₅	48,63	H ₂ O	34,31		
Rößlerit	MgH(AsO ₄)*7H ₂ O	MgO	13,88	As ₂ O ₅	39,58	H ₂ O	46,54		