

## V. Klasse. Carbonate und Nitrate

### Abteilung C. Wasserhaltige Carbonate ohne fremde Anionen

Mineral	Formel	Zusammensetzung in Masse-%							
Barringtonit	$MgCO_3 \cdot 2H_2O$	MgO	33,49	CO <sub>2</sub>	36,57	H <sub>2</sub> O	29,94		
Nesquehonit	$MgCO_3 \cdot 3H_2O$	MgO	29,13	CO <sub>2</sub>	31,81	H <sub>2</sub> O	39,06		
Lansfordit	$MgCO_3 \cdot 5H_2O$	MgO	23,11	CO <sub>2</sub>	25,24	H <sub>2</sub> O	51,65		
Hellyerit	$NiCO_3 \cdot 6H_2O$	NiO	32,93	CO <sub>2</sub>	19,41	H <sub>2</sub> O	47,66		
Monohydrocalcit	$CaCO_3 \cdot H_2O$	CaO	47,47	CO <sub>2</sub>	37,26	H <sub>2</sub> O	15,25		
Trihydrocalcit	$CaCO_3 \cdot 3H_2O$	CaO	36,39	CO <sub>2</sub>	28,55	H <sub>2</sub> O	35,06		
Pentahydrocalcit	$CaCO_3 \cdot 5H_2O$	CaO	29,49	CO <sub>2</sub>	23,14	H <sub>2</sub> O	47,37		
Ikait	$CaCO_3 \cdot 6H_2O$	CaO	26,94	CO <sub>2</sub>	21,14	H <sub>2</sub> O	51,92		
Thermonatrit	$Na_2CO_3 \cdot H_2O$	Na <sub>2</sub> O	49,98	CO <sub>2</sub>	35,49	H <sub>2</sub> O	14,53		
Soda	$Na_2CO_3 \cdot 10H_2O$	Na <sub>2</sub> O	21,66	CO <sub>2</sub>	15,38	H <sub>2</sub> O	62,96		
Trona	$Na_3H(CO_3)_2 \cdot 2H_2O$	Na <sub>2</sub> O	41,13	CO <sub>2</sub>	38,94	H <sub>2</sub> O	19,93		
Pirssonit	$CaNa_2(CO_3)_2 \cdot 2H_2O$	Na <sub>2</sub> O	25,60	CaO	23,16	CO <sub>2</sub>	36,36	H <sub>2</sub> O	14,88
Gaylussit	$CaNa_2(CO_3)_2 \cdot 5H_2O$	Na <sub>2</sub> O	20,93	CaO	18,94	CO <sub>2</sub>	29,72	H <sub>2</sub> O	30,42
Chalkonatrit	$Na_2Cu(CO_3)_2 \cdot 3H_2O$	Na <sub>2</sub> O	21,86	CuO	28,05	CO <sub>2</sub>	31,03	H <sub>2</sub> O	19,06
Weloganit	$Zr_2Sr_5(CO_3)_9 \cdot 4H_2O$	ZrO <sub>2</sub>	19,99	SrO	42,03	CO <sub>2</sub>	32,13	H <sub>2</sub> O	5,85

### Abteilung D. Wasserhaltige Carbonate mit fremden Anionen

Hydromagnesit	$Mg_5((OH)/(CO_3)_2)_2 \cdot 4H_2O$	MgO	43,10	CO <sub>2</sub>	37,64	H <sub>2</sub> O	19,26		
Otwayit	$NiMg((OH)_2/CO_3) \cdot H_2O$	NiO	38,30	MgO	20,67	CO <sub>2</sub>	22,56	H <sub>2</sub> O	18,47
Artinit	$Mg_2((OH)_2/CO_3) \cdot 3H_2O$	MgO	40,99	CO <sub>2</sub>	22,37	H <sub>2</sub> O	36,64		
Indigirit	$Mg_2Al_2((OH)_2/(CO_3)_4) \cdot 15H_2O$	MgO	12,46	Al <sub>2</sub> O <sub>3</sub>	15,76	CO <sub>2</sub>	27,21	H <sub>2</sub> O	44,57
Brugnatellit	$Mg_6Fe((OH)_{13}/CO_3) \cdot 4H_2O$	MgO	43,59	Fe <sub>2</sub> O <sub>3</sub>	14,39	CO <sub>2</sub>	7,93	H <sub>2</sub> O	34,09
Schuilingit	$Pb_3Cu_2Ca_6((OH)_6/(CO_3)_8) \cdot 6H_2O$	PbO	39,87	CuO	9,47	CaO	20,04	CO <sub>2</sub>	20,97
		H <sub>2</sub> O	9,65						
Hydrotalkit	$Mg_6Al_2((OH)_{16}/CO_3) \cdot 4H_2O$	MgO	40,04	Al <sub>2</sub> O <sub>3</sub>	16,88	CO <sub>2</sub>	7,29	H <sub>2</sub> O	35,79
Barbertonit	$Mg_6Cr_2((OH)_{16}/CO_3) \cdot 4H_2O$	MgO	36,98	Cr <sub>2</sub> O <sub>3</sub>	23,24	CO <sub>2</sub>	6,73	H <sub>2</sub> O	33,05
Pyroaurit	$Mg_6Fe_2((OH)_{16}/CO_3) \cdot 4H_2O$	MgO	36,55	Fe <sub>2</sub> O <sub>3</sub>	24,13	CO <sub>2</sub>	6,65	H <sub>2</sub> O	32,67
Eardleyit	$Ni_6Al_2((OH)_{16}/CO_3) \cdot 4H_2O$	NiO	55,31	Al <sub>2</sub> O <sub>3</sub>	12,58	CO <sub>2</sub>	5,43	H <sub>2</sub> O	26,68
Reevesit	$Ni_6Fe_2((OH)_{16}/CO_3) \cdot 4H_2O$	NiO	51,63	Fe <sub>2</sub> O <sub>3</sub>	18,40	CO <sub>2</sub>	5,07	H <sub>2</sub> O	24,90
Coalingit	$Mg_{10}Fe_2((OH)_{24}/CO_3) \cdot 2H_2O$	MgO	46,93	Fe <sub>2</sub> O <sub>3</sub>	18,59	CO <sub>2</sub>	5,12	H <sub>2</sub> O	29,36
Wermlandit	$Ca_2Mg_{14}Al_2Fe_2((OH)_{42}/CO_3) \cdot 15H_2O$	MgO	34,61	Fe <sub>2</sub> O <sub>3</sub>	9,79	CaO	6,88	Al <sub>2</sub> O <sub>3</sub>	6,25
		CO <sub>2</sub>	2,70	H <sub>2</sub> O	39,77				
Zaratit	$Ni_3((OH)_4/CO_3) \cdot 4H_2O$	NiO	59,57	CO <sub>2</sub>	11,70	H <sub>2</sub> O	28,73		
Alumohydrocalcit	$CaAl_2((OH)_4/(CO_3)_2) \cdot 2H_2O$	CaO	17,63	Al <sub>2</sub> O <sub>3</sub>	32,05	CO <sub>2</sub>	27,67	H <sub>2</sub> O	22,65
Callaghanit	$Cu_2Mg_2((OH)_6/CO_3) \cdot 2H_2O$	MgO	21,57	CuO	42,56	CO <sub>2</sub>	11,77	H <sub>2</sub> O	24,10
Dresserit	$Ba_2Al_4((OH)_2/CO_3)_4 \cdot 3H_2O$	BaO	37,73	Al <sub>2</sub> O <sub>3</sub>	25,09	CO <sub>2</sub>	21,66	H <sub>2</sub> O	15,52
Dundasit	$PbAl_2((OH)_4/(CO_3)_2) \cdot 2H_2O$	PbO	46,00	Al <sub>2</sub> O <sub>3</sub>	21,01	CO <sub>2</sub>	18,14	H <sub>2</sub> O	14,85