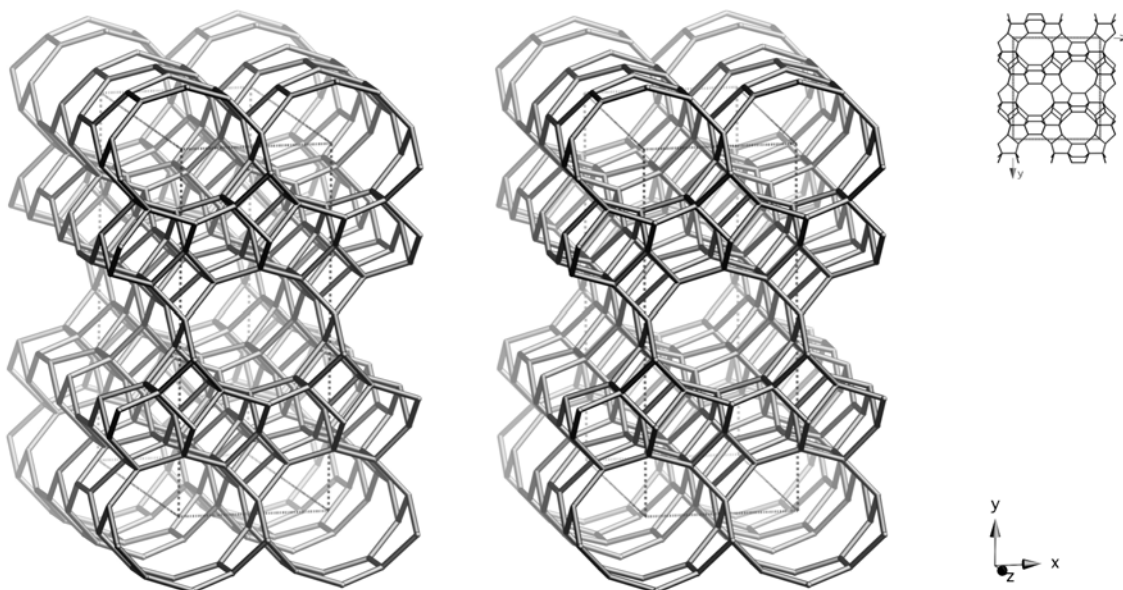


Framework Type Data



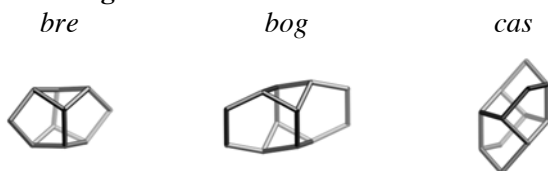
framework viewed along [001]

Idealized cell data: orthorhombic, *Cmcm*, $a = 9.8\text{\AA}$, $b = 23.6\text{\AA}$, $c = 20.2\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(16,1)$	4	11	19	35	57	83	113	137	184	231	$4\cdot5\cdot5\cdot6\cdot5\cdot6_2$
$T_2(16,1)$	4	11	21	35	58	87	103	144	188	227	$4\cdot5\cdot5\cdot6_2\cdot5\cdot10_3$
$T_3(8,m)$	4	11	22	39	62	82	104	142	178	225	$4\cdot10_6\cdot5\cdot6_3\cdot5\cdot6_3$
$T_4(8,m)$	4	11	21	41	61	77	107	134	186	232	$4\cdot5_2\cdot5\cdot10_4\cdot5\cdot10_4$
$T_5(8,m)$	4	11	19	34	56	78	116	152	184	208	$4\cdot5_2\cdot5\cdot6\cdot5\cdot6$
$T_6(8,m)$	4	11	21	33	53	80	112	155	187	214	$4\cdot10_2\cdot5\cdot6_3\cdot5\cdot6_3$
$T_7(8,m)$	4	12	20	35	55	81	119	142	182	216	$5\cdot6\cdot5\cdot6\cdot5_2\cdot10_2$
$T_8(8,m)$	4	12	23	32	49	86	124	147	167	219	$5\cdot6_2\cdot5\cdot6_2\cdot10\cdot10_4$

Secondary building units: 2-6-2 or 4-1

Composite building units:**Materials with this framework type:**

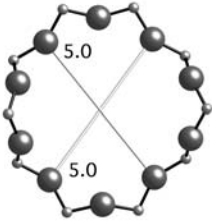
*Terranovaite⁽¹⁾

Type Material Data

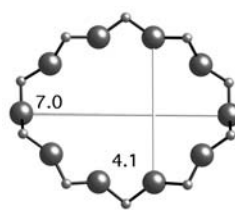
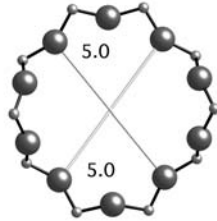
Crystal chemical data: $\text{[Na}_{4.2}\text{K}_{0.2}\text{Mg}_{0.2}\text{Ca}_{3.7}(\text{H}_2\text{O})_{29}\text{] [Al}_{12.3}\text{Si}_{67.7}\text{O}_{160}\text{]-TER}$
orthorhombic, $Cmcm$, $a = 9.747\text{\AA}$, $b = 23.880\text{\AA}$, $c = 20.068\text{\AA}$ ⁽¹⁾

Framework density: 17.1 T/1000 \AA^3

Channels: $[100] \mathbf{10} \ 5.0 \times 5.0^* \leftrightarrow [001] \mathbf{10} \ 4.1 \times 7.0^*$



10-ring viewed along [100]



10-ring viewed along [001]

References:

(1) Galli, E., Quartieri, S., Vezzalini, G., Alberti, A. and Franzini, M. *Am. Mineral.*, **82**, 423-429 (1997)