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Synthesis, properties and stability of end member boromuscovite, $KAl_2[BSi_3O_{10}](OH)_2$

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Table 3 was published in the printed version incorrectly. The correct table is printed below.

Table 3 X-ray powder diffraction data of boromuscovite synthesized at 30 kbar, 700 °C, 72 h. Peaks are correlated with the two polytypes present. I/I_0D Intensities measured using the Debye-Scherrer camera

hkl	d_{obs}	d_{calc}	I/I_0	I/I_0D	Polytype
002	9.841	9.868	29	100	$2M_1$
001	9.841	9.865			1M
002	4.939	4.951	12	10	1M
004	4.939	4.934			$2M_1$
020	4.395	4.410	29	90	1M
110	4.395	4.375			$2M_1$
021	4.246	4.288	11	5	$2M_1$
$\bar{1}11$	4.226	4.234			1M
$11\bar{3}$	3.797	3.800	29	8	$2M_1$
023	3.588	3.590	15	5	$2M_1$
$\bar{1}12$	3.551	3.574	9		1M
113	3.469	3.503	35	10	$2M_1$
003	3.295	3.301	100	15	1M
006	3.295	3.289			$2M_1$
024	3.251	3.281	17		$2M_1$
114	3.085	3.139	6	8	$2M_1$
$11\bar{5}$	3.058	3.068	7		$2M_1$
112	3.010	3.007	26		1M
025	2.940	2.936	29	8	$2M_1$
$\bar{1}13$	2.880	2.874	16		1M
115	2.813	2.810	28	5	$2M_1$
$11\bar{6}$	2.755	2.748	20	5	$2M_1$
130	2.536	2.532	62	100	$2M_1$
$20\bar{1}$	2.536	2.524			1M
200	2.523	2.523	75	100	$2M_1$
130	2.523	2.523			1M

Table 3 (Contd.)

hkl	d_{obs}	d_{calc}	I/I_0	I/I_0D	Polytype
$13\bar{2}$	2.474	2.484	14		$2M_1$
004	2.474	2.476			1M
132	2.417	2.423	10	2	$2M_1$
$\bar{2}02$	2.417	2.416			1M
$13\bar{3}$	2.400	2.405	13		$2M_1$
202	2.381	2.386	9		$2M_1$
131	2.376	2.382	21		1M
$20\bar{4}$	2.347	2.344	19	5	$2M_1$
$20\bar{3}$	2.205	2.202	23	5	1M
040	2.205	2.196			$2M_1$
204	2.166	2.159	18		$2M_1$
041	2.146	2.152	11		1M
042	2.146	2.144			$2M_1$
$22\bar{2}$	2.117	2.118	25		1M
$20\bar{6}$	2.117	2.110			$2M_1$
135	2.084	2.084	36	5	$2M_1$
221	2.041	2.038	11		1M
223	2.041	2.023			$2M_1$
005	1.979	1.980	58	5	1M
0010	1.979	1.974			$2M_1$
224	1.940	1.938	13	2	$2M_1$
152	1.626	1.627	10	5	$2M_1$
242	1.502	1.504	6	2	1M
060	1.473	1.470	57	50	1M
060	1.473	1.468			$2M_1$
061	1.456	1.459	16		$2M_1$
153	1.456	1.448			1M

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