

Electronic supplementary materials
Elektronikus kiegészítő anyagok

Mineralogical mosaics from the Carpathian-Pannonian region 6
Ásványtani mozaikok a Kárpát-Pannon régióból 6.

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Table E1. X-ray powder diffraction data of churchite-(Y) from Pákozd in comparison with those of the ICDD 00-085-1842 card

E1. táblázat. A pákozdi churchit-(Y) röntgen-pordiffrakciós adatai, összehasonlítva az ICDD 00-085-1842 kártya reflexióival

Churchite-(Y) Pákozd		Churchite-(Y) ICDD 00-085-1842				
<i>d</i> (Å)	<i>I</i> _{rel.} (%)	<i>d</i> (Å)	<i>I</i> _{rel.} (%)	<i>h</i>	<i>k</i>	<i>l</i>
7.461	100	7.503	100	0	2	0
5.203	9	5.205	9	0	1	1
4.667	21	4.686	18	1	1	0
4.176	88	4.180	97	-1	2	1
3.746	21	3.752	11	0	4	0
3.715	13	3.715	10	0	3	1
3.513	1	3.512	1	1	3	0
3.057	2	3.054	3	-1	1	2
3.007	54	3.008	54	-1	4	1
2.822	26	2.823	33	1	2	1
2.778	5	2.775	7	0	0	2
2.642	2	2.640	1	0	5	1
2.607	13	2.602	22	0	2	2
2.519	4	2.517	5	-2	0	2
2.500	6	2.501	3	0	6	0
2.463	11	2.466	12	2	0	0
2.433	9	2.435	8	-2	3	1
2.383	2	2.386	6	-2	2	2
2.367	6	2.365	9	1	4	1
2.340	1	2.343	2	2	2	0
2.163	6	2.163	11	-1	5	2
2.092	2	2.090	2	-2	4	2

Churchite-(Y) Pákozd		Churchite-(Y) ICDD 00-085-1842				
<i>d</i> (Å)	<i>I</i> rel. (%)	<i>d</i> (Å)	<i>I</i> rel. (%)	<i>h</i>	<i>k</i>	<i>l</i>
2.060	6	2.061	9	2	4	0
2.043	6	2.043	7	-2	5	1
2.027	4	2.026	8	1	1	2
2.005	2	2.005	7	-1	2	3
1.975	2	1.975	4	-2	1	3
1.966	6	1.966	6	1	7	0
1.937	1	1.933	1	1	6	1
1.927	3	1.926	3	2	1	1
1.877	3	1.876	2	0	8	0
1.859	7	1.858	13	0	6	2
1.851	1	1.851	8	-2	3	3
1.837	2	1.836	1	0	1	3
1.826	6	1.827	5	-3	1	2
1.816	6	1.819	10	-1	4	3
1.810	3	1.811	4	2	3	1
1.774	8	1.774	17	-2	6	2
1.757	7	1.756	10	-1	8	1
1.693	1	1.690	1	1	5	2
1.643	5	1.642	6	-3	4	1
1.638	3	1.638	6	-3	2	3
1.636	2	1.635	2	3	1	0
1.631	2	1.631	1	2	5	1
1.598	4	1.597	6	1	8	1
1.560	1	1.560	4	-2	0	4
1.535	2	1.532	2	-3	4	3
1.528	1	1.527	2	-1	1	4
1.525	2	1.524	2	2	0	2
1.505	2	1.504	2	-2	8	2
1.494	2	1.493	3	2	2	2
1.487	2	1.485	2	1	2	3
1.442	2	1.442	1	3	5	0
1.438	3	1.438	3	-1	10	1
1.408	2	1.405	3	1	4	3
1.397	2	1.397	1	-3	7	2
1.394	3	1.394	3	-4	0	2
1.382	1	1.384	3	3	2	1
1.371	2	1.371	1	-4	2	2

Table E2. X-ray powder diffraction data of reevesite from Eibenthal in comparison with the corresponding reflections of the ICDD 00-026-1286 card

E2. táblázat. A tiszafai reevesit röntgen-pordiffrakciós adatai, összehasonlítva az ICDD 00-026-1286 kártya megfelelő reflexióival

Reevesite Eibenthal		Reevesite ICDD 00-026-1286				
<i>d</i> (Å)	<i>I</i> (%)	<i>d</i> (Å)	<i>I</i> (%)	<i>h</i>	<i>k</i>	<i>l</i>
7.55	100	7.6	100	0	0	6
7.29	22	7.2	10	?	?	?
4.56	3	4.6	5	1	0	5
4.17	21	4.2	5	0	0	11
3.767	30	3.8	50	0	0	12
3.632	8	3.61	10	1	0	9
2.890	2	2.96	5	1	1	4
2.856	1	2.85	5	0	0	16
2.663	2	2.71	5	1	1	8
2.606	17	2.60	50	2	0	4
2.545	10	2.51	15	1	0	16
2.419	2	2.416	15	2	0	8
2.305	9	2.301	40	2	0	10
2.181	2	2.141	10	2	0	13
1.942	8	1.947	40	2	0	16
1.889	1	1.903	10	2	1	8
1.727	3	1.735	20	3	0	6
1.630	1	1.636	10	2	0	22
1.547	4	1.541	30	2	2	0
1.515	4	1.510	30	2	1	20
1.457	1	1.465	10	2	0	26
1.428	1	1.427	10	2	2	12