

Table S2. Powder X-ray diffraction data (d in Å) for hanahanite. Only calculated lines with $I > 2.5$ are listed.

I_{obs}	d_{obs}	d_{calc}	I_{calc}	hkl	I_{obs}	d_{obs}	d_{calc}	I_{calc}	hkl
100	7.64	7.6475	100	0 0 2	21	2.216	2.2168	16	1 2 4
		7.1984	4	1 0 0	10	2.034	2.0324	6	3 0 4
5	6.46	6.5131	6	1 0 1	7	1.9144	1.9119	3	0 0 8
		5.2416	3	1 0 2	32	1.8583	1.8602	22	1 2 6
9	4.18	4.1605	3	1 0 3			1.8258	4	2 2 4
		4.1560	5	1 1 0	8	1.7660	1.7698	7	3 1 4
15	3.816	3.8238	12	0 0 4	5	1.6255	1.6283	3	4 0 4
16	3.633	3.6516	10	1 1 2	37	1.5662	1.5708	14	4 1 0
30	3.374	3.3769	28	1 0 4			1.5643	18	1 2 8
15	2.815	2.8139	15	1 1 4	14	1.5352	1.5387	11	4 1 2
27	2.716	2.7207	27	1 2 0	5	1.5139	1.5161	4	2 3 4
		2.6787	5	1 2 1	5	1.4518	1.4530	3	4 1 4
14	2.626	2.6208	9	2 0 4	5	1.3590	1.3604	3	2 4 0
38	2.561	2.5633	38	1 2 2	11	1.3353	1.3393	3	2 4 2
9	2.399	2.4003	7	1 2 3			1.3333	5	1 2 10