

AM-86-301

Cd 10/1

Neutron diffraction studies of sillimanite

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Table 4 for deposit

American Mineralogist, 71, 5-6, 742-745. pp (1)1-5(1)

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1 Cd 10 copies

Total 10

FD**2 - FC**2 LIST FOR SILLIMANITE

FD**2	FC**2	SIGM	EXT	H	K	L	FD**2	FC**2	SIGM	EXT	H	K	L
1.20	1.26	.21	998	1	6	1	1.98	7.7	.26	999	1	4	1
.85	.94	.22	1000	1	6	1	1.27	1.02	.26	999	1	4	1
.25	.05	.24	996	1	6	1	12.95	12.95	.27	991	1	4	1
3.11	4.63	.26	994	1	6	1	2.51	2.51	.27	997	1	4	1
5.16	6.18	.27	993	1	6	1	16.95	16.95	.24	991	1	4	1
6.45	145.73	1.55	991	1	6	1	20.32	20.32	.40	997	1	4	1
152.34	1.50	.19	999	1	6	1	30.58	30.58	.20	1000	1	4	1
1.49	34.85	.58	967	1	6	1	1.99	1.99	.25	999	1	4	1
34.40	1.54	.18	998	1	6	1	32.24	32.24	.23	999	1	4	1
1.61	10.21	.29	988	1	6	1	1.97	1.97	.23	999	1	4	1
10.02	4.24	.26	995	1	6	1	3.34	3.34	.23	999	1	4	1
4.23	.32	.21	1000	1	6	1	2.85	2.85	.30	999	1	4	1
.45				1	6	1					1	4	1