

SUPPLEMENTARY TABLE 5. UNIT-CELL DIMENSIONS OF MUSCOVITE
IN SELECTED SAMPLES OF TYPES I, II, III AND IV
PEGMATITE DIKES, CAP DE CREUS SWARM

Group	Sample	<i>a</i> Å	<i>b</i> Å	<i>c</i> Å	β °	<i>V</i> Å ³	wt. %
Type I	C-80	5.2018	8.9536	20.1121	95.875	931.79	4.0
		0.0019	0.0030	0.0012	0.018	0.46	
	11009	5.1975	8.9825	20.1166	95.839	934.29	6.0
		0.0010	0.0016	0.0008	0.098	0.24	
Type II	24004	5.1927	9.0053	20.1254	95.817	936.24	6.1
		0.0009	0.0017	0.0018	0.012	0.26	
	21010	5.2200	9.0044	20.1300	95.890	941.20	4.3
		0.0056	0.0083	0.0037	0.059	0.14	
	21009	5.1832	9.0096	20.1133	95.887	934.30	6.8
		0.0017	0.0025	0.0015	0.018	0.40	
Type III	31002	5.2025	8.9679	20.1184	95.845	933.77	6.2
		0.0015	0.0027	0.0013	0.026	0.39	
	32004	5.1882	9.0500	20.1300	95.741	940.40	3.6
		0.0084	0.0094	0.0092	0.034	0.19	
	32007	5.248	9.090	20.127	95.68	955.50	5.2
		0.011	0.019	0.012	0.10	0.29	
	32012	5.1961	9.0301	20.0392	95.680	935.64	3.8
		0.0015	0.0023	0.0010	0.015	0.37	
	32006	5.1820	9.0066	20.1300	95.868	934.58	7.1
		0.0009	0.0014	0.0011	0.011	0.23	
Type IV	C-60	5.1889	9.0060	20.1300	95.771	935.94	22.9
		0.0007	0.0010	0.0004	0.065	0.16	
	C-14	5.1842	9.0082	20.0691	95.428	933.03	1.5
		0.0037	0.0047	0.0036	0.048	0.84	

The unit-cell dimensions are the result of the Rietveld refinement of the samples listed in Table 1. The last column gives the proportion (weight %) the analyzed sample that consists of muscovite.