

SUPPLEMENTARY TABLE 4. THE UNIT-CELL DIMENSIONS OF THE FELDSPARS PRESENT
IN SAMPLES OF TYPE-IV PEGMATITE DIKES INVESTIGATED BY XRD (POWDER DIFFRACTION)

Sample	Mineral	<i>a</i> (Å)	<i>b</i> (Å)	<i>c</i> (Å)	α (°)	β (°)	γ (°)	<i>V</i> (Å ³)	wt. %
C-60	Ab	8.1461	12.7963	7.1610	94.228	116.606	87.826	665.59	39.5
		0.0004	0.0004	0.0002	0.004	0.003	0.004	0.04	0.4
C-4	Ab	8.1477	12.7987	7.1568	94.212	116.604	87.995	665.48	84.3
		0.0002	0.0003	0.0001	0.002	0.002	0.002	0.03	0.3
C-14	Ab	8.1437	12.7912	7.1612	94.242	116.607	87.740	665.12	91.5
		0.0002	0.0002	0.0001	0.002	0.001	0.002	0.02	0.2
C-9	Ab	8.1429	12.7916	7.1605	94.251	116.606	87.739	665.01	92.5
		0.0002	0.0002	0.0001	0.002	0.001	0.002	0.02	0.2

The overall goodness of fit ($n = 4$) is 5.84%. The wt. % value refers to the proportion of that mineral in the hand-picked sample that was scanned. The proportion of the other minerals present in those samples is listed in Table 1. Mineral symbol: Ab: albite.