

SUPPLEMENTARY TABLE 1. THE UNIT-CELL DIMENSIONS OF THE FELDSPARS PRESENT
IN SAMPLES OF TYPE-I 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. %
12003	Or	8.5769	12.9839	7.2065		116.007		721.26	61.2
		0.0003	0.0003	0.0002		0.002		0.04	0.1
	Mcc	8.5720	12.9671	7.2214	90.581	116.068	87.970	720.57	15.2
		0.0007	0.0011	0.0004	0.009	0.007	0.008	0.11	0.6
	Ab	8.1431	12.7954	7.1569	94.211	116.569	87.827	665.14	21.7
		0.0004	0.0005	0.0002	0.005	0.003	0.005	0.05	0.8
11005	Or	8.5757	12.9853	7.2061		116.012		721.17	46.8
		0.0005	0.0003	0.0005		0.003		0.06	0.3
	Mcc	8.5720	12.9680	7.2173	90.603	116.014	88.121	720.61	25.8
		0.0009	0.0013	0.0009	0.012	0.009	0.009	0.14	0.4
	Ab	8.1410	12.7951	7.1566	94.212	116.589	87.842	664.81	25.5
		0.0005	0.0007	0.0003	0.007	0.005	0.006	0.07	0.3
C-80	Or	8.5736	12.9882	7.2105		115.962		721.90	27.2
		0.0009	0.0007	0.0004		0.005		0.10	0.4
	Mcc	8.5702	12.9664	7.2225	90.651	115.976	87.778	720.96	48.4
		0.0002	0.0002	0.0001	0.002	0.002	0.002	0.03	0.7
	Ab	8.1421	12.7955	7.1589	94.200	116.572	87.814	665.24	17.2
		0.0006	0.0008	0.0003	0.007	0.004	0.007	0.07	0.3
11012	Or	8.5851	12.9835	7.2089		115.957		722.48	20.5
		0.0010	0.0010	0.0012		0.012		0.17	0.5
	Mcc	8.5727	12.9831	7.2125	90.385	116.015	88.623	721.20	58.4
		0.0004	0.0005	0.0003	0.006	0.003	0.006	0.05	0.9
	Ab	8.1410	12.7970	7.1588	94.275	116.625	87.786	664.85	19.3
		0.0004	0.0006	0.0003	0.005	0.004	0.005	0.06	0.5
11013	Or	8.5813	12.9862	7.2028		116.034		721.22	13.1
		0.0006	0.0005	0.0005		0.006		0.09	0.9
	Mcc	8.5733	12.9800	7.2040	90.319	116.036	88.800	720.15	29.3
		0.0005	0.0002	0.0003	0.013	0.004	0.017	0.14	1.0

	Ab	8.1397	12.7998	7.1590	94.168	116.630	87.949	664.99	35.1
		0.0005	0.0008	0.0004	0.007	0.005	0.007	0.07	0.7
11009*	Or	8.5791	12.9976	7.2054		116.027		721.98	24.7
		0.0007	0.0007	0.0004		0.005		0.09	1.0
	Ab	8.1433	12.7966	7.1588	94.228	116.611	87.824	665.15	67.9
		0.0002	0.0003	0.0001	0.002	0.001	0.002	0.03	1.3

* The volume proportion of microcline is too small to yield a reliable refinement. The overall goodness of fit ($n = 6$) is 5.23%. 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 sample is listed in Table 1. Mineral symbols: Or: orthoclase, Mcc: microcline, Ab: albite.