

SUPPLEMENTARY TABLE 1. UNIT-CELL PARAMETERS OF ALKALI FELDSPARS
IN THE LINE ROCK DIKE, MONT SAINT-HILAIRE

	<i>a</i>	<i>b</i>	<i>c</i>	α	β	γ	<i>V</i>	#	<i>a</i> *	<i>b</i> *	<i>c</i> *	α^*	β^*	γ^*
001	8.5826	12.9595	7.2177	90.609	115.917	87.896	721.55	61	0.129627	0.077217	0.154045	90.345	64.087	92.043
cream, f.g.	0.0010	0.0015	0.0009	0.014	0.010	0.012	0.12		0.000018	0.000009	0.000020	0.014	0.010	0.012
	8.1378	12.7886	7.1600	94.221	116.581	87.733	664.57	31	0.137410	0.078410	0.156478	86.413	63.506	90.425
	0.0014	0.0016	0.0010	0.016	0.020	0.012	0.17		0.000036	0.000010	0.000036	0.016	0.020	0.012
004C	8.5645	12.9677	7.2133	90.535	115.904	88.152	720.25	38	0.129866	0.077156	0.154120	90.303	64.100	91.795
gray	0.0017	0.0022	0.0017	0.026	0.017	0.023	0.20		0.000030	0.000013	0.000039	0.026	0.017	0.024
	8.5769	12.9735	7.1978	90	116.101	90	719.23	24	0.129834	0.077080	0.154709	90	63.899	90
	0.0015	0.0021	0.0014		0.014		0.17		0.000027	0.000012	0.000030		0.014	
	8.1378	12.7889	7.1566	94.207	116.614	87.750	664.08	44	0.137451	0.078406	0.156597	86.420	63.471	90.410
	0.0009	0.0011	0.0008	0.011	0.011	0.009	0.10		0.000020	0.000007	0.000019	0.012	0.011	0.009
006C §	8.5758	12.9704	7.2186	90.491	115.856	88.172	722.18	42	0.129642	0.077139	0.153945	90.340	64.147	91.793
gray	0.0013	0.0016	0.0009	0.016	0.013	0.018	0.14		0.000022	0.000009	0.000022	0.016	0.013	0.018
	8.1399	12.7904	7.1595	94.263	116.624	87.704	664.49	59	0.137427	0.078403	0.156554	86.381	63.465	90.433
	0.0008	0.0012	0.0008	0.010	0.010	0.008	0.09		0.000019	0.000008	0.000020	0.010	0.010	0.008
006C ¶	8.5801	12.9655	7.2218	90.631	115.939	87.745	721.89	97	0.129700	0.077190	0.153985	90.395	64.065	92.201
cream	0.0008	0.0009	0.0006	0.007	0.006	0.008	0.07		0.000013	0.000005	0.000013	0.007	0.006	0.008
007C	8.5753	12.9575	7.2161	90.580	116.003	88.036	720.22	50	0.129820	0.077222	0.154189	90.313	64.002	91.903
gray	0.0011	0.0015	0.0010	0.013	0.013	0.013	0.14		0.000020	0.000009	0.000026	0.015	0.013	0.016
	8.1371	12.7892	7.1588	94.255	116.609	87.724	664.24	51	0.137456	0.078409	0.156548	86.380	63.479	90.416
	0.0008	0.0013	0.0009	0.017	0.012	0.010	0.10		0.000018	0.000008	0.000024	0.016	0.012	0.010
007C	8.5913	12.9630	7.2179	90.641	115.908	87.880	722.56	26	0.129484	0.077197	0.154026	90.317	64.097	92.046
inter-	0.0026	0.0023	0.0014	0.025	0.021	0.024	0.24		0.000049	0.000014	0.000033	0.024	0.021	0.023
stitial	8.1395	12.7884	7.1615	94.236	116.617	87.699	664.61	78	0.137426	0.078412	0.156494	86.414	63.472	90.453
	0.0005	0.0009	0.0006	0.009	0.006	0.007	0.06		0.000010	0.000006	0.000012	0.009	0.006	0.007

Powder X-ray diffraction patterns were acquired with a Guinier-Hägg focusing camera (CuK α_1 radiation, spinel standard). The cell dimensions of the K-rich feldspar are listed before those of the coexisting sodic plagioclase. # number of peaks used in the least-squares refinement [program of Appleman & Evans (1973), as adapted by R.G. Garvey]. Units: *a*, *b*, *c* in Å, and *V* (unit-cell volume) in Å³; interaxial angles in direct and reciprocal space in degrees. § The strongest peaks of orthoclase are present. ¶ A trace of albite is present.