Table 3 - Chemical data for members of the various alkali feldspar series.

Feldspar	Weight % K_2O	Weight % Na_2O	N_{Or} (mole fraction $KAlSi_3O_8$)	
High Sanidine Series				
7015	0.20	11.50	0.0113	} .0099
(7010)+	0.15	11.50	0.0085	
8001	2.58	9.82	0.1474	} .1510
	2.75	9.90	0.1545	
7059	2.50	9.80	0.1437	
7919	4.85	8.40	0.2753	
7057	6.20	7.55	0.3508	
8008	7.72	6.45	0.4406	
7044	8.55	5.60	0.5001	} 0.4911
	8.52	6.04	0.4813	
7058	10.80	4.75	0.5993	
8034	12.20	2.92	0.7333	
7060	13.70	2.15	0.8074	
7036	16.40	0.45	0.9600	
Eifel Sanidine Series++				
71102	0.05	11.40	0.0029	
72003	2.70	9.92	0.1519	} 0.1553
7105+	2.75	9.60	0.1586	
8201	5.16	8.30	0.2903	} 0.2898
	5.04	8.15	0.2892	
8202	7.50	6.42	0.4346	
72001B	9.43	4.96	0.5557	
8203	11.70	3.17	0.7083	
7002	14.40	1.86	0.8359	
7052	16.40	0.09	0.9917	
Orthoclase Series				
8431	0.25	12.00	0.0135	} 0.0135
	0.24	11.50	0.0135	
7735	1.90	10.10	0.1101	
7818	4.05	8.55	0.2376	
7815	5.10	7.75	0.3021	
7906	6.70	7.15	0.3814	
7905	8.00	6.05	0.4652	
7801	9.80	4.85	0.5707	
7908	12.30	3.50	0.6981	
7903	13.60	2.40	0.7885	
7814	15.00	1.45	0.8719	
B18938	16.20	0.75	0.9343	
7738	16.70	0.40	0.9649	

Feldspar	Weight % K_2O	Weight % Na_2O	N_{Or} (mole fraction $KAlSi_3O_8$)	
Adularia Series++				
7190	2.982*	168*	0.0103	} 0.0103
	3.000	170	0.0103	
7197	1.35	10.90	0.0753	
8302	1.38	10.80	0.0775	
7927	3.20	9.10	0.1879**	
73011E	-	-	0.2308	
7917	4.45	8.40	0.2585**	
73013E	-	-	0.3835	
7916	8.60	5.85	0.4917	
7196	9.50	5.40	0.5365	
7918	11.50	3.60	0.6776	
7007	14.50	1.55	0.8602	
7198	-	-	0.8602+	
7049	16.20	0.35	0.9682	
7045	16.40	0.03	0.9972	
Microcline Series				
7010	0.15	11.50	0.0085	} 0.0099
(7015)+	0.20	11.50	0.0113	
8205	3.04	9.80	0.1695	
8207	5.92	7.87	0.3311	
8429	5.90	7.64	0.3369	} 0.3339
	5.75	7.65	0.3309	
8047	8.56	5.80	0.4926	
8204	11.50	3.98	0.6553	
8206	14.20	1.92	0.8295	
71104	16.30	0.01	0.9991	} 0.9972
			0.9953	

All analyses done using atomic absorption spectroscopy, by N. Suhr of the Pennsylvania State University (except as noted).

*PPM (not weight %) K and Na, analysis by Geochron, Inc.

**Composition calculated from weights and chemical compositions of the starting materials.

+#7015 is the disordered equivalent of #7010, and their compositions have been averaged and assumed to be the same. #72003 is the homogenized version of #7105; analyses for these also should be the same. #7198 is an annealed version of #7007 and is assumed to have the same composition.

++Based on atomic absorption analyses mole fractions of $BaAl_2Si_2O_8$ in the Eifel Sanidine and Adularia series are calculated to be 0.012 and 0.007, respectively.