

## Intermediate microcline R050193

Work performed by Hinako Uchida

Al/Si occupancies determined according to Kroll and Ribbe (1983)

Locality: Devil's Head, Douglas County, Colorado, USA

8.5647 12.9564 7.2073 90.073 116.048 89.707 C-1

atom	x	y	z	occ	Uiso	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
K	0.28388	0.99898	0.13775	0.93	0.03044	0.02522	0.03494	0.0281	0.00059	0.00891	-0.00036
Na	0.28388	0.99898	0.13775	0.07	0.03044	0.02522	0.03494	0.0281	0.00059	0.00891	-0.00036
Al1o	0.00956	0.18494	0.22351	0.53	0.01556	0.01984	0.01503	0.01292	-0.00227	0.0082	-0.00181
Si1o	0.00956	0.18494	0.22351	0.47	0.01556	0.01984	0.01503	0.01292	-0.00227	0.0082	-0.00181
Si1m	0.00957	0.81606	0.22559	0.62	0.01529	0.01943	0.01503	0.01249	0.00274	0.00803	0.00171
Al1m	0.00957	0.81606	0.22559	0.38	0.01529	0.01943	0.01503	0.01249	0.00274	0.00803	0.00171
Si2o	0.70918	0.11795	0.34412	0.95	0.01395	0.01751	0.01193	0.01286	0.00042	0.00709	0.00048
Al2o	0.70918	0.11795	0.34412	0.05	0.01395	0.01751	0.01193	0.01286	0.00042	0.00709	0.00048
Si2m	0.70843	0.88278	0.34558	0.95	0.01403	0.01775	0.01217	0.01258	-0.00002	0.00703	-0.00066
Al2m	0.70843	0.88278	0.34558	0.05	0.01403	0.01775	0.01217	0.01258	-0.00002	0.00703	-0.00066
OA1	0.00031	0.14512	0.99741		0.02458	0.02915	0.02023	0.02612	0.00028	0.01377	0.00033
OA2	0.63689	0.00068	0.28524		0.02219	0.02553	0.015	0.02015	0.00037	0.0046	0.00035
OBo	0.82522	0.14614	0.22695		0.02811	0.02977	0.03223	0.02909	-0.00198	0.01911	0.00254
OBm	0.82667	0.85436	0.22961		0.02832	0.02999	0.03304	0.0294	0.00269	0.01994	-0.00241
OCo	0.0353	0.31283	0.25865		0.02241	0.02289	0.0201	0.02264	-0.0031	0.0085	-0.00418
OCm	0.03578	0.68922	0.26095		0.02252	0.02294	0.02057	0.02263	0.00371	0.00871	0.00485
ODo	0.18284	0.12524	0.40767		0.02255	0.0273	0.02172	0.01374	0.00134	0.00454	0.00147
ODm	0.18072	0.87463	0.40848		0.02259	0.0274	0.02187	0.01328	-0.00159	0.00411	-0.00156