Table 8b. Crystallographic coordinates and equivalent isotropic and anisotropic temperature factors for Li-poor mica-

1M crystals [layer symmetry $C12/m(1)$] from Pikes Peak batholith, central Colorado (available on request).

Atom	x/a	y/b	z/c	B_{eq}	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
				Sample 26						
T1	0.0753(1)	0.1670(1)	0.2254(1)	0.86(1)	0.97(2)	0.83(1)	0.80(1)	0.02(1)	0.18(1)	-0.01(1)
M1	0	0	0.5	0.97(2)	1.62(2)	0.56(2)	0.65(2)	0	-0.01(2)	0
M2	0	0.3334(1)	0.5	0.77(1)	0.50(1)	0.94(1)	0.88(1)	0	0.11(3)	0
A	0	0.5	0	3.56(4)	3.14(6)	3.32(6)	4.36(5)	0	1.08(4)	0
O1	0.0305(7)	0	0.1679(4)	2.09(8)	2.83(9)	1.39(9)	2.0(1)	0	0.20(9)	0
O2	0.3190(5)	0.2376(3)	0.1688(2)	2.10(6)	1.68(6)	2.55(6)	2.19(5)	-0.32(6)	0.70(6)	-0.67(6)
O3	0.1300(5)	0.1636(4)	0.3964(2)	2.58(4)	2.93(4)	3.47(3)	1.25(3)	0.01(2)	0.06(5)	0.59(4)
O4	0.1299(5)	0.5	0.3885(2)	0.85(6)	1.16(7)	0.74(7)	0.74(6)	0	0.37(7)	0
				Sample 33						
T1	0.0733(1)	0.1664(1)	0.2239(1)	0.94(1)	0.99(2)	0.77(1)	1.06(1)	0.01(1)	0.21(1)	0.01(1)
M1	0	0	0.5	0.91(2)	0.99(2)	0.61(2)	1.15(2)	0	0.30(2)	0
M2	0	0.3308(1)	0.5	0.97(1)	0.92(1)	0.74(1)	1.24(1)	0	0.19(3)	0
A	0	0.5	0	3.34(4)	2.98(6)	2.91(6)	4.11(5)	0	0.58(4)	0
O1	0.0441(6)	0	0.1668(3)	1.76(7)	2.35(9)	1.21(9)	1.69(9)	0	0.29(8)	0
O2	0.3101(4)	0.2455(2)	0.1670(2)	1.86(5)	1.76(4)	2.18(5)	1.57(5)	-0.56(6)	0.18(6)	-0.04(5)
O3	0.1293(3)	0.1659(2)	0.3896(2)	1.31(4)	1.62(4)	1.16(3)	1.16 (3)	0.04(2)	0.29(5)	-0.03(4)
O4	0.1235(5)	0.5	0.3918(3)	1.36(6)	1.52(7)	1.45(7)	1.11(6)	0	0.22(7)	0
				Sample 120						
T1	0.0690(1)	0.1668(1)	0.2242(1)	0.68(1)	0.61(1)	0.87(1)	0.55(1)	0.01(2)	0.08(1)	-0.01(1)
M1	0	0	0.5	0.73(2)	0.68(2)	0.81(2)	0.74(2)	0	0.22(2)	0
M2	0	0.3338(1)	0.5	0.86(1)	0.62(1)	0.19(1)	0.77(1)	0	0.10(3)	0
A	0	0.5	0	3.25(4)	2.86(6)	3.47(6)	3.16(5)	0	-0.13(4)	0
O1	0.0410(5)	0	0.1675(2)	1.52(7)	2.36(9)	1.22(9)	0.83(9)	0	-0.11(9)	0
O2	0.3026(3)	0.2463(2)	0.1675(2)	1.55(6)	1.43(6)	2.34(6)	0.88(5)	-0.55(6)	0.22(6)	-0.05(6)
O3	0.1280(3)	0.1678(2)	0.3894(2)	1.10(4)	1.18(4)	1.19(3)	0.62(3)	-0.04(3)	0.17(5)	-0.07(4)
O4	0.1245(5)	0.5	0.3941(3)	1.24(6)	1.06(7)	1.35(7)	1.34(6)	0	0.28(7)	0

Note: The form of the anisotropic thermal parameter is $exp[-1/4\,(B_{11}h^2a^{*2} + B_{22}k^2b^{*2} + B_{33}l^2c^{*2} + 2B_{12}hka^*b^* + 2B_{13}hla^*c^* + 2B_{23}klb^*c^*)]$.