

Noe and Veblen: Structure of GanoPhyllite
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TABLE 5 Anisotropic displacement parameters

	U11*	U22*	U33*	U12*	U13*	U23*
K1	0.082(4)	0.060(4)	0.056(3)	-0.009(3)	0.029(3)	-0.023(3)
K2	0.068(8)	0.0948†	0.11(1)	0.023(6)	0.016(7)	0.000(7)
K3	0.0892†	0.0892†	0.054(7)	-0.008(8)	-0.032(6)	-0.003(8)
Mn1A	0.0086(3)	0.0094(3)	0.0107(3)	0.001(2)	0.0014(2)	0.0003(2)
Mn1B	0.0068(7)	0.0082(7)	0.0046(7)	0.0008(5)	-0.0011(5)	0.0004(5)
Mn2A	0.0073(3)	0.0089(3)	0.0121(3)	0.0002(2)	0.0013(2)	0.0007(2)
Mn2B	0.0097(7)	0.0108(7)	0.0080(6)	0.0003(5)	0.0012(4)	-0.0003(5)
Si1	0.0148(4)	0.0085(4)	0.0104(4)	-0.0001(3)	0.0011(3)	-0.0007(3)
Si2A	0.0162(6)	0.0077(5)	0.0172(5)	0.0009(4)	-0.0108(4)	-0.0011(4)
Si2B	0.002(1)	0.006(1)	0.005(1)	-0.0023(8)	0.0002(8)	-0.0012(9)
Si3	0.0203(7)	0.0081(6)	0.0073(5)	0.0044(4)	0.0011(4)	-0.0004(4)
Si4	0.009(1)	0.008(1)	0.008(1)	0.0011(7)	0.0017(7)	0.0008(7)
Si5	0.007(1)	0.014(1)	0.008(1)	0.0001(8)	-0.0006(7)	-0.0016(8)
O1A	0.017(3)	0.013(3)	0.031(2)	0.003(2)	-0.013(2)	-0.007(2)
O1B	0.035(2)	0.018(2)	0.012(2)	-0.007(2)	0.011(1)	0.000(1)
O2A	0.042(2)	0.025(2)	0.013(2)	0.023(2)	-0.008(1)	-0.005(1)
O2B	0.010(3)	0.026(3)	0.019(3)	-0.006(2)	0.005(2)	-0.010(3)
O3	0.050(2)	0.009(1)	0.018(1)	0.001(1)	0.011(1)	-0.0018(8)
O4	0.031(1)	0.029(1)	0.016(1)	-0.009(1)	0.0006(9)	0.0022(9)
O5A	0.010(2)	0.016(3)	0.018(3)	0.001(2)	-0.001(2)	0.004(2)
O5B	0.020(2)	0.014(2)	0.011(2)	-0.005(1)	-0.003(1)	0.004(1)
O6	0.017(1)	0.026(1)	0.024(1)	-0.0001(8)	0.0030(8)	-0.0051(8)
O7	0.0144(9)	0.015(1)	0.025(1)	0.0016(7)	0.0009(7)	0.0055(8)
O8	0.0124(9)	0.0119(9)	0.0142(9)	-0.0014(7)	0.0017(7)	0.0003(7)
O9	0.0152(9)	0.017(1)	0.023(1)	-0.0003(7)	-0.0001(7)	-0.0014(8)
O10A	0.026(3)	0.050(4)	0.007(2)	0.010(3)	-0.004(2)	0.003(2)
O10B	0.0724†	0.09(1)	0.042(7)	0.0	-0.007(6)	0.0
O11	0.030(5)	0.0900†	0.052(6)	0.039(4)	0.002(4)	-0.001(5)
O12	0.0900†	0.0900†	0.09(1)	0.0	0.005(8)	0.0
O13	Isotropic					

Note: Number in parentheses represents one esd of least significant digit.

* Å².

† Fixed.