

Table S2. Anisotropic displacement parameters (\AA^2) for rusinovite from Shadil-Khokh volcano, South Ossetia.

Atom	U^{11}	U^{22}	U^{33}	U^{12}	U^{13}	U^{23}
Ca1	0.01342(19)	0.0137(2)	0.01235(19)	0	0	0
Ca2	0.01470(16)	0.01252(17)	0.02194(18)	0	0	−0.00047(11)
Ca3	0.01606(17)	0.01149(18)	0.0346(2)	0	0	0.00269(12)
Si1	0.0103(4)	0.0091(2)	0.0104(2)	−0.00024(14)	−0.00049(14)	0.00024(16)
Si2	0.0120(6)	0.0099(3)	0.0132(3)	−0.0007(2)	0	0
O1	0.019(2)	0.0132(5)	0.0146(5)	0.0026(6)	0.0035(6)	−0.0014(4)
O2	0.0142(19)	0.038(3)	0.024(3)	0	0	−0.0009(18)
O3	0.0102(8)	0.0139(10)	0.0210(10)	0	0	0.0008(8)
O4	0.0194(11)	0.0193(7)	0.0158(6)	0.0006(5)	0.0043(5)	0.0044(6)
O5	0.0187(5)	0.0101(5)	0.0252(6)	0	0	0.0021(4)
O6	0.040(4)	0.0199(7)	0.0234(6)	0.0046(9)	−0.0105(11)	0.0087(5)
O7	0.0202(7)	0.0103(6)	0.0239(8)	0	0	0
Cl1	0.0183(2)	0.0134(2)	0.0232(3)	0	0	0