

Supplemental Table OM8. Selected interatomic distances (Å) for fresnoite.

Atom	-atom	Distance	
Ti-	O1	1.971(3)	x4
	O4	1.694(7)	
	Mean	1.916	
Ba-	O1	2.847(3)	x2
	O1	3.003(4)	x2
	O2	2.800(3)	x2
	O2	2.653(4)	
	O3	2.843(4)	
	Mean	2.850	
Si-	O1	1.619(3)	x2
	O2	1.592(4)	
	O3	1.660(3)	
	Mean	1.623	