

Table ESM 20. Fluid parameters for PV in quartz of different mineral associations of Vasilinovskoe ore occurrence

Sample	<i>n</i>	Incl. type	<i>T_e</i> , °C	<i>T_m</i> , °C	<i>C</i> , wt.% NaCl- equiv.	<i>T_{hom}</i> , °C	<i>T_{m. CO₂}</i> , °C	<i>T_{m(clath)}</i> , °C
<i>Amphibolite area</i>								
Hematite-magnetite association								
A19-930	9	L+V	-65.0...-62.1	-24.4...-19.1	23.1...20.0	300...330		
Magnetite-chalcopyrite association								
A5-19	12	L+V	-32.2...-29.0	-10.5...-8.5	14.5...12.3	260...274		
Polysulfide association								
870	8	L+V	-32.1...-30.0	-10.7...-8.4	14.7...12.2	235...250		
869	10	L+V	-32.1...-29.9	-10.3...-8.7	14.3...12.5	235...252		
Polysulfide-quartz association								
A17-19	11	L+V	-28.5...-25.0	-12.5...-8.0	16.4...11.7	234...244		
A-23	10	L+V	-31.5...-26.8	-12.7...-9.6	16.6...13.5	234...241		
<i>Podgornensky area</i>								
A3-22	7	L+V	-38.5...-36.0	-8.0...-4.0	11.7...6.5	230...254	-61.6...-60	2.1...3.0
	9	L+V+CO ₂	-39.3...-34	-7.8...-4.0	11.5...6.5	225...270		
A3-22(2)	9	L+V+CO ₂	-38.2...-36.0	-8.3...-4.0	10.2...6.5	220...240	-60...-59.7	
A3-23	8	L+V	-45.0...-38.7	-12.0...-10.0	16.0...13.9	256...280		
A3-1-19	9	L+V+CO ₂	-41.9...-39.6	-11.8...-10.0	15.8...13.9	253...264	-59.7...-59.5	2.3