

Supplementary File 5. Proportion (%) of crystallized minerals and their composition

T(°C)	Opx	Mg#	Cpx	WoEnFs	Feldspar	An	Magnetite	Ti
1080					0.1	An ₈₅		
1070					1.3	An ₈₅		
1060					3.7	An ₈₄		
1050					6.0	An ₈₄		
1040			0.2	Wo ₄₅ En ₄₀ Fs ₁₅	8.1	An ₈₃		
1030			2.1	Wo ₄₅ En ₄₀ Fs ₁₅	9.7	An ₈₂		
1020			3.7	Wo ₄₄ En ₄₀ Fs ₁₆	11.1	An ₈₁		
1010			5.3	Wo ₄₃ En ₄₀ Fs ₁₇	13.2	An ₇₉		
1000			6.8	Wo ₄₂ En ₄₀ Fs ₁₈	15.4	An ₇₆	0.2	30.7
990	0.6	67	7.4		18.6	An ₇₃	1.0	29.6
980	1.7	65	7.4		22.1	An ₇₀	1.6	28.6
970	2.5	64	7.4		25.1	An ₆₇	2.2	27.5
960	3.3	63	7.4		27.8	An ₆₄	2.7	26.4
950	3.8	61	7.4		30.2	An ₆₁	3.0	25.3
940	4.3	60	7.4		32.3	An ₅₇	3.4	24.2
930	4.7	58	7.4		34.3	An ₅₄	3.7	23.2
920	5.1	57	7.4		36.1	An ₅₁	3.9	22.1
910	5.4	55	7.4		37.8	An ₄₈	4.1	21.1
900	5.6	54	7.4		39.4	An ₄₅	4.3	20.2
890	5.8	52	7.4		40.9	An ₄₂	4.5	19.3
880	6.0	51	7.4		42.3	An ₃₉	4.6	18.5
870	6.2	49	7.4		43.6	An ₃₆	4.7	17.7
860	6.3	48	7.4		44.8	An ₃₃	4.8	16.9
850	6.4	46	7.4		46.0	An ₃₀	4.9	16.3
840	6.5	45	7.4		47.1	An ₂₈	5.0	15.7
830	6.6	43	7.4		48.1	An ₂₆	5.1	15.2
820	6.7	42	7.4		49.0	An ₂₄	5.1	14.7
815*	6.7	41	7.4		49.5	An ₂₃	5.2	14.5

*Final model temperature. Mg# = (Mg/Mg+Fe)*100. Wo = wollastonite component, En = enstatite component, Fs = ferrosilite component. An = anorthite component, Ti = the TiO₂ content of the magnetite.