Table S1. Representative chemical analyses on greenschist sample PKS11 from 250 m SSE of the Agii Theodorii chapel and calculation of structural formulae. Chemical composition of oxides in weight percent. For epidote, all iron is converted to Fe^{3+}. Fe^{2+}/Fe^{3+} estimations for amphiboles are made by assuming 13 total cations excluding Ca, Na and K (Leake 1978). [1]An content = anorthite content of plagioclase [Ca/(Na+K+Ca)]. [2]Mineral abbreviations: alb = albite; act = actinolite; epd = epidote. Asterisk (*) indicates one-by-one analyses with a spot size of 1 µm and a reduced current of 12 nA.

Analysis	**p1**	**p2***	**p6***	**p13**	**p16***	**p21***	**p22***	**p23***	**p24***	**p25***	**p7**	**p8**	**p10**	**p11**	**p19**	**p20**	**p12**
SiO_2	56.99	57.18	57.04	55.90	56.20	56.73	54.92	55.47	54.64	55.54	69.08	68.15	68.33	68.43	67.09	69.08	38.34
TiO_2	0.01	—	0.01	0.07	0.02	—	0.05	0.04	0.07	0.02	—	—	—	—	—	—	0.05
Al_2O_3	0.67	0.61	0.49	1.21	0.75	0.86	0.75	1.02	1.16	1.04	19.19	19.15	19.47	19.52	20.24	19.47	23.12
Cr_2O_3	—	0.05	—	0.02	0.07	0.03	0.07	0.03	0.18	0.05	0.01	—	0.01	0.02	—	—	—
FeO	6.85	6.97	7.53	9.42	9.13	8.92	9.25	7.73	9.07	8.33	0.12	0.12	0.06	0.05	0.09	0.05	12.45
MnO	0.27	0.28	0.25	0.28	0.24	0.28	0.23	0.24	0.27	0.24	0.01	—	—	0.01	—	—	0.07
MgO	20.05	19.80	19.58	18.25	18.38	18.79	18.81	19.24	18.81	18.92	0.01	0.01	—	—	0.01	0.01	0.03
CaO	12.80	12.88	13.02	12.34	12.40	12.47	12.25	12.72	12.01	12.27	0.18	0.12	0.31	0.40	1.26	0.33	23.73
NiO	0.02	0.05	0.04	0.03	0.03	0.06	0.07	0.07	0.10	0.06	—	0.03	0.01	0.01	—	0.02	—
Na_2O	0.20	0.28	0.30	0.47	0.40	0.34	0.44	0.42	0.33	0.56	12.00	12.02	11.84	11.94	11.26	11.80	—
K_2O	0.03	0.02	0.01	0.09	0.05	0.04	0.05	0.02	0.04	0.02	0.07	0.06	0.09	0.06	0.11	0.10	—
P_2O_5	—	0.01	—	—	0.04	—	0.02	—	0.02	0.03	—	—	—	—	—	0.01	—
Total	97.88	98.128	98.28	98.07	97.84	98.51	96.91	97.00	96.69	97.08	100.66	99.66	100.12	100.44	100.05	100.87	97.78
Oxygens	O = 23	O = 23	O = 23	O = 23	O = 23	O = 23	O = 23	O = 23	O = 23	O = 23	O = 8	O = 8	O = 8	O = 8	O = 8	O = 8	O = 12.5
Si	7.91	7.95	7.94	7.84	7.89	7.89	7.77	7.83	7.71	7.83	3.00	2.99	2.99	2.98	2.94	3.00	3.02
Ti	0.00	—	0.00	0.01	0.00	—	0.01	0.00	0.01	0.00	—	—	—	—	—	—	0.00
$^{[4]}Al$	0.09	0.06	0.06	0.16	0.11	0.11	0.13	0.17	0.19	0.17	0.98	0.99	1.00	1.00	1.05	1.00	—
$^{[6]}Al$	0.02	0.05	0.02	0.04	0.05	0.03	—	—	—	—	—	—	—	—	—	—	2.15
Fe^{3+}	0.20	0.09	0.06	0.26	0.21	0.27	0.48	0.20	0.62	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.82
Fe^{2+}	0.60	0.72	0.81	0.84	0.86	0.77	0.61	0.71	0.45	0.68							—
Mn	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	—	—	0.00	—	—	0.00
Mg	4.15	4.10	4.06	3.81	3.85	3.89	3.97	4.05	3.96	3.98	0.00	0.00	—	—	0.00	0.00	0.00
Ca	1.90	1.92	1.94	1.85	1.87	1.86	1.86	1.92	1.82	1.85	0.01	0.01	0.02	0.02	0.06	0.02	2.00
Na	0.05	0.07	0.08	0.13	0.11	0.09	0.12	0.11	0.09	0.15	1.01	1.02	1.00	1.01	0.96	0.99	—
K	0.01	0.00	0.00	0.02	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.01	—
∑ cations	16.96	17.00	17.03	17.00	16.98	16.96	16.99	17.04	16.91	17.01	5.01	5.02	5.02	5.02	5.02	5.01	8.00
An content[1]	—	—	—	—	—	—	—	—	—	—	0.80	0.54	1.44	1.82	5.79	1.52	—
Mineral phase[2]	act	act	act	act	act	act	act	act	act	act	alb	alb	alb	alb	alb	alb	epd