Table 5. Chemical composition of chlorite. Mineral abbreviations: Dbt* = Diabantite; Pc-Chl* = pycnochlorite

Sample	MC81	MC81	MC77	MC70	MC70	MC81	MC81	MC81	MC81	MC81	MC81	MC81
An.#	212	219	50	160	169	21	22	37	38	39	44	45
Occurence	Near blAm	Near blAm	vein	Pseudomorph after Am	vein	Chl core	Chl core	Chl core				
Oxides (wt%)												
SiO_2	30.49	28.05	30.68	30.13	30.28	29.45	28.47	27.62	29.44	29.22	29.6	27.84
TiO_2	0.02	0	0	0	0	0.07	0	0	0	0.03	0	0.02
Al_2O_3	16.18	17.81	15.85	18.46	17.51	18.17	17.75	17.91	16.84	17.51	17.05	17.94
Cr_2O_3	0.03	0.01	0	0.03	0.03	0.02	0	0	0.03	0.03	0	0.03
FeO^{Tot}	26.12	26.93	23.26	18.2	19.2	26.7	25.31	24.9	24.92	25.05	24.85	25.97
MnO	0.2	0.24	0.22	0.19	0.22	0.19	0.22	0.25	0.23	0.19	0.18	0.22
MgO	16.33	16.35	18.95	22.54	21.69	16.26	16.61	17.82	17.06	17.3	17.01	16.28
CaO	0.34	0.04	0.33	0.19	0.05	0.1	0.33	0.31	0.18	0.24	0.22	0.12
Na_2O	0.04	0.01	0.04	0	0.02	0.01	0.05	0.02	0	0	0.07	0.01
K_2O	0.06	0	0.04	0	0	0.01	0.03	0.04	0.05	0.05	0.07	0.03
Total oxides	89.81	89.44	89.38	89.74	88.99	91	88.78	88.88	88.76	89.63	89.05	88.47
Si	6.257	5.829	6.239	5.937	6.048	5.975	5.912	5.734	6.089	5.987	6.095	5.827
Ti	0.004	0	0	0	0	0.011	0	0	0	0.004	0	0.003
Al	3.913	4.361	3.798	4.286	4.121	4.344	4.344	4.382	4.105	4.228	4.138	4.425
Cr	0.006	0.003	0	0.006	0.007	0.006	0	0	0.007	0.008	0	0.008
Fe^{Tot}	4.482	4.679	3.955	2.999	3.207	4.53	4.395	4.322	4.31	4.292	4.279	4.545
Mn	0.035	0.043	0.038	0.032	0.037	0.033	0.038	0.043	0.041	0.032	0.032	0.039
Mg	4.996	5.065	5.745	6.621	6.458	4.918	5.142	5.515	5.26	5.284	5.222	5.08
Ca	0.075	0.01	0.073	0.04	0.011	0.022	0.073	0.07	0.04	0.053	0.048	0.026
Na	0.015	0.003	0.017	0.001	0.007	0.005	0.02	0.009	0	0	0.028	0.006
K	0.016	0	0.011	0	0	0.002	0.008	0.012	0.014	0.012	0.019	0.007
Total cations	19.799	19.992	19.876	19.921	19.895	19.845	19.931	20.086	19.866	19.901	19.859	19.964
	Dbt*	**Pc-Chl***	**Dbt***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***	**Pc-Chl***