

**Table S5.** Representative electron microanalyses of spinel-group minerals from peridotites of Veria-Naousa (SV) and Gerania (SG) ophiolite complex (-: below detection limit).

Gerania ophiolite									Veria-Naousa ophiolite								
Rock-Type	Lherzolite				Harzburgite				Lherzolite				Harzburgite				
Sample	SG2		SG4		SG8				SV4		SV5		SV6		SV7		
Anal. No.	6	13	10	14	1	12	58	60	1	3	15	19	1	3	4	16	17
wt%																	
TiO <sub>2</sub>	-	-	-	-	-	-	-	-	0.17	0.22	-	-	0.20	0.10	-	-	-
Al <sub>2</sub> O <sub>3</sub>	47.12	50.99	45.23	48.25	33.84	34.59	33.37	34.97	17.25	17.51	32.98	24.55	21.94	25.22	18.86	20.19	21.32
FeO	13.86	12.83	14.77	13.92	17.45	16.98	17.23	18.87	20.58	20.96	17.21	19.65	17.29	17.33	16.57	16.05	16.90
MnO	-	-	-	-	0.15	-	-	0.10	-	-	-	-	-	-	-	-	-
MgO	18.20	19.02	18.29	17.52	13.96	14.29	14.25	14.91	10.30	10.35	13.55	11.22	13.31	12.58	13.36	12.96	12.44
Cr <sub>2</sub> O <sub>3</sub>	21.29	17.28	21.35	20.42	32.02	32.56	32.85	32.41	48.71	49.22	37.00	36.17	44.75	41.81	52.45	50.20	50.03
NiO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZnO	-	-	-	-	-	-	-	-	0.23	0.10	-	-	0.30	0.18	-	-	-
Sum	100.47	100.12	99.64	100.11	97.42	98.42	97.70	101.26	97.25	98.40	100.74	91.59	97.79	97.22	101.24	99.40	100.69
Formula units based on 3 cations																	
Al	1.500	1.592	1.452	1.541	1.188	1.199	1.169	1.178	0.666	0.668	1.135	0.957	0.809	0.927	0.684	0.742	0.774
Cr	0.453	0.364	0.463	0.443	0.754	0.757	0.772	0.733	1.262	1.259	0.854	0.946	1.107	1.030	1.276	1.237	1.219
Fe <sup>3+</sup>	0.052	0.045	0.081	0.021	0.058	0.044	0.059	0.089	0.052	0.058	0.010	0.097	0.075	0.038	0.040	0.021	0.007
Ti	-	-	-	-	-	-	-	-	0.004	0.005	-	-	0.005	0.002	-	-	-
Mg	0.733	0.754	0.743	0.705	0.620	0.626	0.631	0.635	0.503	0.499	0.590	0.553	0.621	0.585	0.613	0.602	0.571
Ni	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fe <sup>2+</sup>	0.271	0.251	0.252	0.292	0.376	0.374	0.369	0.362	0.512	0.510	0.410	0.447	0.377	0.414	0.387	0.398	0.429
Mn	-	-	-	-	0.004	-	-	0.002	-	-	-	-	-	-	-	-	-
Zn	-	-	-	-	-	-	-	-	0.006	0.002	-	-	0.007	0.004	-	-	-
Cr#	23.3	18.5	24.1	22.1	38.8	38.7	39.8	38.3	65.4	65.3	42.9	49.7	57.8	52.7	65.1	62.5	61.2
Mg#	73.3	75.4	74.5	70.7	62.2	62.6	63.1	63.7	49.6	49.5	59.0	55.3	62.2	58.6	61.3	60.2	57.1