

TABLE 4. Trace-element composition (ppmw) of mica of the margarite-ephesite series by LA-ICP-MS.

Sample no.	Li	Be	B	Na	Mg	SiO ₂ * (wt.%)	K	Ca	Sc	Ti	V	Cr	Mn	Co	Ni	Zn	Ga	Rb	Sr	Ba
1	1662	15	116	29,722	2157	36.74	7539	39,535	9.97	292	120	2186	2.50	1.40	11.5	21.0	74.8	16.7	1518	410
2	2020	18	127	30,049	2222	36.74	4163	45,066	8.94	306	126	909	4.80	1.50	10.4	29.8	60.3	10.9	1201	116
3	1956	13	107	31,870	2246	36.74	4706	40,585	8.45	317	123	605	4.80	1.20	10.1	23.4	54.6	13.1	1164	102
Average	1879	15	116	30,547	2208	36.74	5469	41,728	9.12	305	123	1233	4.00	1.30	10.7	24.7	63.2	13.6	1294	209

* SiO₂ composition was determined by electron microprobe analysis.