

Table 2. Representative electron microprobe analyses of garnet composition (results in wt. %)

Sample	SiO ₂	Al ₂ O ₃	FeO	MgO	MnO	CaO	TiO ₂	Cr ₂ O ₃
SPU1-1	37.38	20.77	6.32	0.59	32.09	2.47	0	0
U13-t1-1core	39.99	21.62	27.22	9.58	0.57	0.86	0	0
U13-t1-2core	37.97	21.1	32.5	2.42	3.35	3.23	0	0
U13-t1-3core	39.11	21.75	30.47	6.95	0.58	1.49	0	0
U13-t1-4core	39.56	22.21	23.9	12.27	0.45	1.41	0	0
U13-t1-5core	39.56	22.21	23.9	12.27	0.45	1.41	0	0
U13-t1-6core	40.43	22.21	28.71	8.86	0.55	1.29	0	0
T2-3-T1-01 core	36.66	20.57	15.99	0	20.22	4.86	0	0
T2-3-t1-04 rim	37.5	20.25	34.39	1.21	1.38	4.05	0	0.05
T2-3-T1-05 core	37.82	21.27	32.23	5.89	1.51	0.99	0	0
T2-3-T1-11 core	39.24	21.95	30.79	5.8	0.59	3.39	0.11	0
T2-3-T1-20 core	38.1	21.36	31.23	4.75	0.84	3.54	0	0
T2-3-T1-20 rim	37.77	21.02	28.72	7	0.23	2.57	0	0
T2-3-T1-26 core	37.31	20.79	29.37	3.34	5.75	1.88	0	0
T2-3-T1-32-8	37.28	20.4	15.86	0.87	22.26	3.24	0	0
T2-3-T1-37 core	40.97	22.15	17.85	10.5	0.31	8.54	0	0
T2-3-T1-39 core	40.22	21.94	19.34	9.33	0.76	8.35	0	0
T2-3-T1-39 rim	41.31	22.3	15.27	13.66	0.26	7.16	0	0
T2-3-T1-44 core	38.16	21.71	30.13	4.68	1.8	3.59	0	0
T2-3-T1-45 core	41.19	19.93	8.63	18.5	3.28	5.96	0	3.28
T2-3-T1-46 core	37.48	20.98	35.57	3.55	0.53	1.39	0	0
T21-21-1	37.37	20.98	28.33	2.05	9.92	1.22	0	0
Hajn2 core	38.06	21.79	27.41	8.43	0.48	1.92	0	0
Hajn3 core	37.84	21.9	32.95	5.78	0.33	1.26	0	0
Hajn3 rim	38.76	21.9	30.69	7.06	0.31	1.34	0	0
Hajn4 core	39.51	22.5	23.21	11.06	0.31	3.3	0.04	0.08
Hajn6 core	38.7	21.72	24.84	9.02	0.52	3.94	0	0
Hajn8 core	37.83	21.54	34.91	0.98	3.84	2.96	0	0
Hajn11 core	38.76	21.6	29.31	4.63	0.62	6.13	0	0
Hajn13 core	38.81	22.21	30.73	7.77	0.46	0.98	0	0
Hajn14 core	37.71	21.17	30.4	2.48	7.3	1.42	0	0
Hajn16 core	39.55	22.05	28.17	8.46	0.34	2.2	0	0
Hajn17 core	39.92	22.28	25.26	11.57	0.46	0.91	0	0
Hajn18 core	40.16	22.24	16.31	12.16	0.33	7.77	0	0
Hajn20 core	37.88	21.01	30.21	2.65	7.67	1.43	0	0
Hajn21 core	40.03	22.39	26.58	11	0.3	0.83	0	0
Hajn22 core	39.15	21.9	24.71	7.94	0.35	5.79	0	0
Hajn23 core	39.92	22.33	25.09	11.36	0.46	0.82	0	0