

Supplementary Table 6

Table S6. Selected microprobe analyses for plagioclase of high-pressure granulites in this study.

Lithology	garnet pyroxenite										garnet two-pyroxene granulite										garnet-bearing-plagioclase amphibolite					
Point	“White eye” strucure					In matrix					“White eye” strucure					In matrix					In matrix					
SiO ₂	57.76	57.08	56.93	56.17	57.87	56.45	56.14	56.19	56.27	56.60	53.46	54.37	56.02	57.96	57.58	55.52	56.77	56.59	55.58	51.57	55.45	53.30	55.99	56.91	58.79	55.46
Al ₂ O ₃	26.99	27.25	27.16	27.92	26.93	27.58	27.62	27.85	27.75	28.03	29.22	29.72	28.16	26.65	27.35	28.37	27.48	27.66	28.46	31.29	28.87	29.78	28.02	27.45	25.72	28.26
MgO	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
CaO	8.19	8.37	8.31	8.75	8.19	8.61	8.61	8.88	8.55	9.25	10.48	10.96	9.39	7.99	8.54	9.41	8.61	8.48	9.56	13.19	10.01	11.07	9.00	8.50	6.85	9.49
Na ₂ O	6.57	6.43	6.53	6.15	6.30	6.18	6.25	6.10	6.27	6.13	5.42	5.16	6.32	6.70	6.81	5.56	6.46	6.35	5.79	3.94	5.74	5.11	6.18	6.47	7.40	5.89
K ₂ O	0.38	0.39	0.48	0.38	0.49	0.37	0.40	0.34	0.41	0.27	0.19	0.16	0.21	0.38	0.44	0.27	0.23	0.31	0.25	0.13	0.17	0.18	0.22	0.20	0.40	0.23
P ₂ O ₅	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.01	0.03	0.03	0.01	0.00	0.01	0.05
Si	10.35	10.27	10.27	10.14	10.37	10.20	10.17	10.14	10.17	10.13	9.77	9.77	10.05	10.39	10.26	10.05	10.22	10.20	10.02	9.35	9.95	9.68	10.11	10.24	10.58	10.03
Al	5.70	5.78	5.77	5.94	5.69	5.87	5.90	5.93	5.91	5.91	6.29	6.29	5.95	5.63	5.74	6.05	5.83	5.88	6.05	6.69	6.11	6.38	5.96	5.82	5.46	6.02
Ca	1.57	1.61	1.61	1.69	1.57	1.67	1.67	1.72	1.65	1.77	2.05	2.11	1.80	1.54	1.63	1.82	1.66	1.64	1.85	2.56	1.93	2.15	1.74	1.64	1.32	1.84
Na	2.28	2.24	2.28	2.15	2.19	2.16	2.19	2.13	2.20	2.13	1.92	1.80	2.20	2.33	2.35	1.95	2.25	2.22	2.02	1.38	2.00	1.80	2.16	2.26	2.58	2.07
K	0.09	0.09	0.11	0.09	0.11	0.09	0.09	0.08	0.09	0.06	0.04	0.04	0.05	0.09	0.10	0.06	0.05	0.07	0.06	0.03	0.04	0.04	0.05	0.05	0.09	0.05
An	39.87	40.88	40.12	43.04	40.61	42.57	42.22	43.72	41.94	44.76	51.09	53.50	44.54	38.86	39.94	47.55	41.86	41.71	47.03	64.44	48.59	53.96	44.03	41.56	33.09	46.47
Ab	57.92	56.85	57.09	54.75	56.48	55.26	55.45	54.32	55.66	53.69	47.81	45.58	54.25	58.96	57.63	50.86	56.83	56.51	51.53	34.81	50.41	45.02	54.70	57.27	64.63	52.19
Or	2.22	2.26	2.78	2.20	2.91	2.17	2.33	1.96	2.40	1.55	1.10	0.92	1.21	2.19	2.44	1.59	1.31	1.79	1.43	0.75	1.00	1.03	1.27	1.17	2.28	1.34