

APPENDIX 6

Results of the whole rock analyses of the granulites

wt.%	P ₂ O ₅	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃ (T)	MgO	CaO	MnO	Na ₂ O	K ₂ O	LOI	Total	Comment																																
GS55-4	0.25	66.69	0.748	15.17	7.58	0.83	3.59	0.11	3.49	2.4	-0.29	100.6	Felsic granulite																																
Gr-pb	0.28	65.46	0.725	14.91	7.12	0.87	3.5	0.1	3.64	2.58	-0.03	99.15	Intermediate granulite																																
GS55-1	0.29	53.76	2.044	16.95	13.2	3.15	7.58	0.202	3.29	0.55	-0.17	100.8	Mafic granulite																																
ppm	Th	U	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Hf	Ta	W	Tl	Pb	Bi
GS55-4	0.19	0.36	45.1	33.9	70.2	8.39	34.7	7.59	1.54	8.02	1.36	8.47	1.71	5.01	0.725	4.57	0.713	22	< 1	26	< 20	6	< 20	< 10	90	21	1.7	< 5	54	140	306	11.4	< 2	< 0.5	0.1	< 1	< 0.2	< 0.1	1200	5.3	0.26	< 0.5	< 0.05	< 5	< 0.1
Gr-pb	0.26	0.32	42	33.4	68.5	8.37	33.5	7.65	1.51	7.14	1.24	7.31	1.43	4.07	0.601	3.99	0.641	20	< 1	26	< 20	106	< 20	< 10	100	23	2.3	< 5	63	129	219	8	< 2	1.8	< 0.1	1	< 0.2	0.1	1257	5.3	0.21	824	0.25	< 5	< 0.1
GS55-1	0.51	0.44	41.2	26.3	53.2	7.38	31.5	7.7	2.12	7.92	1.34	8.19	1.63	4.64	0.681	4.46	0.682	39	1	220	20	26	< 20	20	110	21	2	< 5	12	122	241	16.3	< 2	< 0.5	0.1	< 1	< 0.2	0.1	296	4.1	0.86	11.9	< 0.05	< 5	< 0.1