

TABLE 2. REE CONTENTS (ppm) OF ZIRCONS FROM THE Ti-CLINOHUMITE-BEARING GARNET PERIDOTITES

Sample	Domains	Content (ppm)														Yb/Gd
		La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	
A41-25c	inherited core	---	2.56	0.11	0.78	2.20	0.34	8.46	2.97	35.66	13.58	68.42	17.80	218.3	50.88	25.81
A41-27c	inherited core	0.23	3.18	0.06	0.91	1.17	0.25	6.18	1.36	20.13	8.43	40.27	10.71	138.9	28.15	22.47
A4139-4c	inherited core	4.32	5.08	0.39	1.81	1.65	0.88	5.05	1.21	7.96	2.27	12.29	4.09	63.98	15.34	12.67
A4139-5c	inherited core	0.16	3.94	---	1.89	1.33	0.66	11.23	4.16	37.42	10.08	40.09	9.00	107.9	19.95	9.60
A41-14	stubby domain	0.23	2.51	---	0.31	0.50	0.08	1.02	0.20	2.27	0.37	0.73	0.25	1.75	0.19	1.71
A41-27r	stubby domain	0.05	4.00	0.10	1.18	1.21	0.26	2.63	0.61	4.51	0.94	3.54	0.43	2.92	0.41	1.11
A41-30	stubby domain	0.88	3.48	0.07	0.97	0.51	0.18	2.27	0.28	1.95	0.40	1.24	0.16	1.44	0.18	0.63
A47-1702	stubby domain	0.07	3.69	0.12	1.20	1.12	0.35	2.17	0.44	4.75	0.91	2.80	0.53	3.57	0.36	1.65
A47-1701	stubby domain	---	3.59	0.08	1.37	2.22	0.56	5.74	1.25	7.87	2.14	5.17	0.65	6.74	1.00	1.17
A47-31	stubby domain	1.04	6.47	0.12	2.16	2.00	0.27	2.53	0.44	2.60	0.68	1.07	0.33	2.33	0.23	0.92
A47-30	stubby domain	0.21	3.62	0.06	0.98	0.86	0.24	2.38	0.36	2.53	0.41	1.11	0.14	2.04	0.19	0.85
A4139-6	stubby domain	---	1.19	---	0.60	0.28	0.11	1.29	0.23	1.78	0.49	1.10	0.23	1.59	0.14	1.23
A4139-7	stubby domain	---	1.96	---	---	0.89	---	2.17	0.25	1.80	0.47	1.13	0.21	0.99	0.12	0.45
A4139-8	stubby domain	---	0.48	0.06	0.09	1.37	0.23	2.84	0.28	1.40	0.21	1.02	0.07	0.54	0.15	0.19