



Ta	μg g <sup>-1</sup>	3.4	3.0	1.7	0.2	1.7	0.2	2.7	8.5	2.4	3.6	17	16	5.6	6.5	4.5	11.1	0.05	0.02	0.08	0.09	0.33	0.30	1.5	0.4
W	μg g <sup>-1</sup>	0.17	0.19	0.39	0.49	0.14	0.11	0.63	1.46	0.5	1.4	0.26	0.72	0.06	0.05	0.40	0.99	0.23	0.20	0.11	0.19	0.16	0.16	0.13	0.17
Pb	μg g <sup>-1</sup>	4.3	2.3	5.1	1.1	4.6	1.3	2.4	1.2	2.4	1.2	2.1	1.0	4.8	1.6	1.3	4.4	3.2	0.9	1.5	0.7	3.4	2.0	4.2	1.1
Pb*	μg g <sup>-1</sup>	17	4	10.7	2.0	12	3	6.4	3.8	6.7	3.7	4.4	3.2	5.0	1.5	1.1	4.6	4.2	1.4	0.60	0.50	3.9	1.8	4.2	0.8
Th	μg g <sup>-1</sup>	267	163	162	171	118	15	38	81	44	107	16	38	0.1	0.2	14	62	80	141	2.0	11.2	15	29	2.3	2.3
U	μg g <sup>-1</sup>	270	78	105	21	169	18	151	131	140	108	77	109	0.8	1.1	8.8	11.3	97	133	13	11	12	10	2.2	1.5
(La/Lu) <sub>N</sub>		5414	1466	1372	904	2220	824	345	458	269	131	5.2	5.4	1.7	1.6	20	25	119	221	228	166	11	10	13	7
Eu/Eu*		1.0	0.1	0.95	0.04	1.0	0.1	1.8	3.8	1.6	2.4	0.49	0.76	2.2	0.7	1.1	1.2	1.2	0.5	3.4	7.2	0.80	0.59	1.3	0.3

- (La/Lu)<sub>N</sub> was normalized to chondrite after McDonough and Sun;<sup>67</sup>  $Eu/Eu^* = \frac{Eu_N}{\sqrt{(Sm_N \times Gd_N)}}$  was normalized to chondrite after McDonough and Sun.<sup>67</sup>

-Pb\* (μg g<sup>-1</sup>) = 23.6%\*<sup>206</sup>Pb (μg g<sup>-1</sup>) + 22.6%\*<sup>207</sup>Pb (μg g<sup>-1</sup>) + 52.3%\*<sup>208</sup>Pb (μg g<sup>-1</sup>).