

APPENDIX 3

Total REE contents and ratios between selected elements in the samples studied

No.	Lab. no.	Sample	ΣLREE	ΣHREE	ΣREE	LREE/ HREE	Th/Sc	La/Sc	La/Th	(La/Yb) _N	(La/Gd) _N	(Gd/Yb) _N	Eu/Eu*
1.	10/13/30	Nk/187.5	157.3	16.6	173.9	9.5	0.86	2.32	2.70	10.18	5.42	1.88	0.67
2.	10/13/31	Nk/178.4	2318.4	131.7	2450.1	17.6	1.05	37.42	35.70	63.77	5.20	12.26	0.67
3.	10/13/32	Nk/167.8	72.8	8.4	81.2	8.7	0.88	0.69	0.79	6.85	6.22	1.10	0.63
4.	10/13/33	Nk/162.3	19.5	14.6	34.1	1.3	0.93	0.20	0.21	0.88	1.85	0.48	0.68
5.	10/13/34	Nk/157.7	163.8	18.4	182.2	8.9	1.05	2.54	2.41	8.76	7.82	1.12	0.63
6.	10/13/35	Nk/32.0	203.2	18.9	222.1	10.8	1.13	3.50	3.11	9.46	5.81	1.59	0.63
7.	10/13/36	Gr/204.1	223.1	19.4	242.5	11.5	0.92	2.27	2.47	12.14	7.86	1.54	0.68
8.	5/15/24	K/1973.8	594.8	46.7	641.5	12.7	0.77	9.11	11.87	20.93	6.41	3.26	0.70
9.	10/13/37	K/1480.3	160.3	14.9	175.2	10.8	1.03	2.51	2.44	10.63	6.24	1.71	0.66
10.	5/15/23	K/1465.2	198.1	14.1	212.2	14.0	1.49	3.13	2.10	12.64	9.57	1.32	0.68
11.	5/15/25	K/1464.3	313.9	19.7	333.6	15.9	1.55	4.80	3.09	14.54	9.30	1.56	0.61
12.	10/13/38	K/1463.7	477.4	32.2	509.6	14.8	2.19	4.84	2.21	13.41	11.73	1.23	0.60
13.	5/15/26	K/1462.3	261.9	17.6	279.5	14.9	2.82	5.08	1.80	17.25	8.61	2.00	0.61
14.	5/15/14	M/1130.0	200.8	22.8	223.6	8.8	2.29	4.17	1.82	8.62	5.26	1.64	0.48
15.	5/15/15	M/700.5	142.6	12.5	155.1	11.4	1.77	4.00	2.26	12.48	6.55	1.90	0.53
16.	10/13/39	BL/185.5	124.7	11.3	136.0	11.0	1.23	3.24	2.62	12.10	6.90	1.75	0.56
17.	10/13/40	BL/162.0	157.9	16.6	174.5	9.5	1.07	2.77	2.60	9.48	5.21	1.82	0.65
18.	10/13/41	BL/159.0	287.0	19.1	306.1	15.0	0.88	2.41	2.73	11.59	6.54	1.77	0.67
19.	5/15/27	GW/815.0	190.7	17.7	208.4	10.8	0.73	2.47	3.39	12.69	6.36	2.00	0.70

Eu/Eu* = $Eu_n / (Sm_n + Gd_n) \times 1/2$ (Taylor and McLennan, 1985); Nk, Gr, BL – Holy Cross Mts. segment of the MPT, K – Kuyavian segment of the MPT, M – Pomeranian segment of the MPT, GW – Fore-Sudetic Monocline (northern part)