

ERRATA

METASOMATIC EVOLUTION OF GRANITES

The following geochemical data tables were omitted out of printing in the paper "Metasomatic Evolution of Granites, Northeast Minas Gerais, Brazil" (A.C. Pedrosa Soares and co-authors) published in the volume 17 (4): 512-518, December 1987, of the *Revista Brasileira de Geociências*.

Table 1 – Major (%) and trace (ppm) elements of the Coronel Murta granitoids (Pedrosa Soares 1984). 1-6: biotite granites; 7-15: muscovite (-biotite) granites; 16 and 17: tourmaline granites; 18: muscovite granodiorite; 19: pegmatoid granite. Analyses performed by Geosol Laboratory

Order Nº	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sample Nº	193	194	203	249	1014	1547	198	200	1224	1268	1274	1408	1411	1418	1953	1913	1976	1997	1914
SiO ₂	69.6	70.4	68.7	70.0	68.1	69.3	71.4	75.0	73.8	73.8	72.5	74.1	72.8	74.0	72.8	73.6	74.3	74.4	72.6
TiO ₂	0.34	0.36	0.50	0.35	0.48	0.37	0.37	0.16	0.12	0.14	0.18	0.10	0.11	0.10	0.12	0.10	0.10	0.10	0.10
Al ₂ O ₃	14.4	14.4	15.1	14.0	15.4	14.6	14.8	12.9	14.2	14.7	14.5	13.7	14.1	13.6	14.7	14.8	14.8	15.6	14.9
Fe ₂ O ₃	0.73	1.0	0.91	0.97	1.3	0.76	0.86	0.40	0.22	0.25	0.21	0.15	0.15	0.21	0.73	0.50	0.29	0.93	0.67
FeO	1.5	1.0	1.7	1.2	1.3	1.3	0.94	0.72	0.36	0.36	0.58	0.43	0.57	0.43	0.07	<0.07	0.21	<0.07	<0.07
MnO	0.06	0.07	0.06	0.05	0.06	0.04	0.05	0.08	0.02	0.03	0.02	0.01	0.06	0.04	0.04	0.03	0.04	0.02	0.02
MgO	0.63	0.55	0.73	0.63	0.96	0.58	0.63	0.25	0.17	0.22	0.30	0.17	0.22	0.15	0.26	0.06	0.14	0.20	0.16
CaO	1.7	1.5	1.7	1.6	1.9	1.8	1.3	0.58	0.61	0.82	0.68	0.76	0.46	0.74	0.96	0.25	0.58	1.4	0.25
Na ₂ O	4.7	4.6	4.8	4.8	4.4	4.4	3.6	2.9	4.8	4.9	4.0	4.5	2.5	4.1	3.7	5.8	4.7	2.7	2.7
K ₂ O	5.0	5.0	4.5	5.1	4.7	5.2	4.7	5.8	4.9	3.7	6.0	5.2	7.9	5.2	5.3	3.6	3.9	3.3	7.0
H ₂ O ⁺	0.84	0.62	0.59	0.55	0.85	0.96	0.05	0.13	0.16	0.31	0.29	0.81	0.47	0.89	0.80	1.12	0.87	1.34	1.12
P ₂ O ₅	0.21	0.19	0.21	0.21	0.26	0.16	0.09	0.19	0.16	0.09	0.27	0.10	0.21	0.10	0.12	0.47	0.11	0.08	0.37
TOTAL	99.71	99.69	99.50	99.46	99.71	99.47	98.79	99.11	99.52	99.32	99.53	100.03	99.55	99.56	99.60	100.23	100.04	100.14	99.96
B	18	10	10	18	<10	17	17	20	10	30	10	19	490	22	26	830	330	30	990
Ba	2,300	2,300	3,050	2,300	2,150	3,000	1,400	360	250	240	280	150	450	260	360	<20	210	130	<20
Be	8	12	9	8	21	4	20	8	7	10	4	6	7	6	19	98	162	27	18
Cs	<10	40	36	<10	11	24	24	24	12	12	20	<10	35	12	16	44	16	<10	28
F	1,050	1,450	1,500	1,000	1,175	950	750	800	600	175	700	338	600	314	350	420	565	473	295
Li	117	255	516	76	204	181	225	163	261	163	120	120	138	125	178	62	190	50	20
Nb	<20	<20	<20	<20	22	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	22	24	<20	<20
Rb	180	210	79	170	190	140	210	370	310	230	310	260	430	270	300	390	460	220	340
Sn	<3	71	4	<3	3	3	4	3	<3	4	<3	50	<3	<3	<3	<3	7	29	<3
Sr	150	130	150	130	1170	160	460	98	94	120	94	86	140	120	130	12	97	72	34
Ta	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
W	<3	<3	<3	<3	<3	<3	15	<3	15	11	11	<3	10	<3	<3	17	<3	<3	<3

Table 2 – Major (%) and trace (ppm) elements of the Coronel Murta granitoids (Monteiro 1986). 20-25: biotite (-muscovite) granites; 26-30: muscovite (-biotite) granites, (27: apophysis); 31 (apophysis) and 32: muscovite granodiorites; 33: chilled margin of pegmatoid granite. Analyses performed by Geosol, Universidade de Brasília and CPMT - UFMG laboratories

Order Nº	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Sample Nº	2916	2922A	2926	2928A	2980A	2996	2917	2918	3051	2923	2993	2921	3057	2935
SiO ₂	69.7	72.0	69.2	72.2	71.4	71.1	74.0	73.5	72.4	72.9	72.8	76.9	74.0	75.1
TiO ₂	0.23	0.17	0.21	0.24	0.20	0.24	0.26	0.01	0.09	0.18	0.20	0.05	–	–
Al ₂ O ₃	16.6	15.7	15.6	15.5	14.9	15.5	14.8	14.9	14.1	14.4	15.0	14.6	15.3	13.0
Fe ₂ O ₃	0.88	0.43	2.04	0.56	0.41	0.64	0.48	0.50	0.34	0.32	0.54	0.18	0.16	1.31
FeO	1.28	1.11	0.30	1.00	1.16	1.23	0.56	0.14	0.35	0.42	0.82	0.14	0.02	0.21
MnO	0.03	0.04	0.04	0.03	0.03	0.04	0.05	≤ 0.01	0.01	0.04	0.03	0.02	≤ 0.01	0.11
MgO	0.55	0.29	0.72	0.32	0.37	0.55	1.2	0.08	1.5	0.22	0.37	0.95	0.03	≤ 0.01
CaO	1.55	1.28	1.32	0.28	1.21	1.56	0.84	0.53	0.70	0.91	1.0	1.0	2.9	0.76
Na ₂ O	4.1	4.7	4.3	3.8	4.0	4.2	2.6	4.0	3.9	4.4	4.1	2.6	3.8	4.3
K ₂ O	4.2	3.8	4.8	5.3	4.4	4.4	4.0	4.1	5.4	4.7	4.3	1.8	1.9	4.4
L.O.I.	0.57	0.39	0.85	0.78	0.78	0.64	0.71	1.20	0.66	1.20	1.08	1.14	1.56	0.70
P ₂ O ₅	0.19	0.15	0.01	0.13	0.19	0.23	0.09	0.07	0.09	0.14	0.16	0.06	0.14	0.11
TOTAL	99.88	100.06	99.39	100.14	99.05	100.33	99.59	99.09	99.54	99.83	100.40	99.44	99.82	100.01
B	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ba	2,900	2,300	4,300	2,450	1,640	2,200	2,080	1,900	640	2,700	1,570	670	720	<20
Be	6	12	8	6	10	10	9	8	6	8	8	4	6	4
Cs	<10	13	18	<10	18	17	<10	<10	11	17	14	<10	<10	17
F	1,540	660	1,250	840	1,380	1,130	630	430	640	1,170	980	528	440	190
Ga	5	12	5	8	12	32	12	12	12	12	12	5	8	12
Li	98	76	70	48	101	70	24	21	59	90	66	11	11	52
Mo	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Nb	<20	<20	<20	35	<20	34	<20	<20	<20	<20	72	<20	<20	<20
Rb	160	140	160	340	200	150	150	130	210	160	150	38	40	410
Sn	<3	<3	<3	7	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Sr	1,500	1,490	1,370	1,170	760	1,130	1,070	740	210	970	660	310	210	<10
Ta	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
W	<3	<3	<3	<3	10	<3	<3	<3	<3	<3	20	<3	<3	3
Y	10	<10	23	<10	<10	12	<10	<10	<10	<10	12	<10	<10	<10