



Correction to: Localised heating and intensive magmatic conditions prior to the 22–23 April 2015 Calbuco volcano eruption (Southern Chile)

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Published online: 30 December 2019

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Correction to: Bulletin of Volcanology (2019) 81: 24

<https://doi.org/10.1007/s00445-019-1280-2>

In the original version of this article, Table 4 was published incorrectly. The correct Table 4 is given below. This error does not impact the analysis or interpretations of the article.

The online version of the original article can be found at <https://doi.org/10.1007/s00445-019-1280-2>

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Table 4 Whole-rock analyses of samples from the 2015 Calbuco eruption

	Detection limit	Cal-149A Lapilli	Cal-149B Lapilli	Cal-155 Lapilli	Cal-157 Bomb	Cal-158 Bomb	Cal-159 Bomb	Cal-160 Bomb
SiO ₂	0.01 (%)	56.2	56.2	55.6	55.7	55.8	55.7	56.9
Al ₂ O ₃	0.01 (%)	18.8	18.7	18.9	18.8	18.9	18.7	18.6
TiO ₂	0.01 (%)	0.93	0.92	0.87	0.92	0.93	0.94	0.82
FeO	0.2 (%)	4.99	4.99	5.69	5.27	5.55	5.27	5.41
Fe ₂ O ₃	0.01 (%)	2.87	2.77	2.22	2.6	2.41	2.71	2.17
MnO	0.01 (%)	0.16	0.16	0.17	0.17	0.17	0.15	0.16
MgO	0.01 (%)	3.93	3.9	4.27	4.14	4.2	4.25	3.81
CaO	0.01 (%)	8.04	7.96	8.21	8.16	8.14	8.12	7.63
Na ₂ O	0.01 (%)	3.77	3.78	3.45	3.65	3.65	3.65	3.67
K ₂ O	0.01 (%)	0.62	0.64	0.53	0.61	0.61	0.61	0.67
P ₂ O ₅	0.01 (%)	0.17	0.16	0.15	0.16	0.16	0.16	0.16
LOI		-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.1
TOTAL		100.48	100.18	100.06	100.18	100.52	100.26	99.99
Li	0.1 (ppm)	15.1	15.7	14.9	14.8	14.2	14.7	16.9
Sc	0.1 (ppm)	21.8	22.8	21.4	23.2	22.8	24	19.9
V	0.1 (ppm)	181.7	183.7	185.3	189.3	188.6	197.1	170.1
Co	0.1 (ppm)	40.9	38.9	43.3	38.4	38.3	34.9	34.8
Ni	0.1 (ppm)	10	10.8	11.7	12.9	15.7	12.9	11
Cu	0.5 (ppm)	44.2	45.4	24.1	50.6	47.5	46	36.9
Cr	0.1 (ppm)	12.9	14.9	15.1	18.2	17.4	17	15.8
Zn	2 (ppm)	80	76	79	76	78	81	82
Tl	0.05 (ppm)	0.12	0.11	0.12	0.09	0.09	0.09	0.14
Rb	0.1 (ppm)	16.5	16.4	14.3	15.9	15.2	15.8	18.4
Ba	0.5 (ppm)	152.1	151.6	131.4	146	139.7	145.3	164
Th	0.1 (ppm)	1.1	1	0.9	1	1	1	1.2
U	0.1 (ppm)	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Nb	0.1 (ppm)	5	3.2	2.8	4.6	2.9	3.4	3.2
La	0.1 (ppm)	6.4	6.4	5.6	6.2	5.9	6.1	6.9
Ce	1 (ppm)	17	17	14	16	16	16	17
Pb	0.1 (ppm)	5	4.7	6.6	4	4.3	4.4	5
Pr	0.1 (ppm)	2.4	2.4	2	2.3	2.2	2.3	2.5
Sr	1 (ppm)	347	355	375	350	335	352	353
Nd	0.1 (ppm)	11.8	11.8	9.4	11.4	10.8	11.3	11.8
Zr	0.1 (ppm)	88.5	87.3	68.3	83.8	79.6	84	89.8
Sm	0.1 (ppm)	3.3	3.3	2.5	3.1	3	3.2	3.1
Eu	0.1 (ppm)	1	1.1	1	1	1	1	1
Gd	0.1 (ppm)	3.5	3.5	2.6	3.4	3.2	3.4	3.3
Tb	0.1 (ppm)	0.6	0.6	0.4	0.6	0.5	0.6	0.5
Dy	0.1 (ppm)	3.6	3.6	2.6	3.4	3.3	3.5	3.3
Ho	0.1 (ppm)	0.7	0.8	0.6	0.8	0.7	0.8	0.7
Er	0.1 (ppm)	2.2	2.2	1.7	2.1	2	2.1	2
Y	0.1 (ppm)	22.5	23.2	17.1	22.1	20.9	22.2	21.3
Yb	0.1 (ppm)	2.2	2.3	1.7	2.2	2.1	2.1	2
Lu	0.05 (ppm)	0.33	0.34	0.25	0.32	0.31	0.33	0.32