

Erratum to: The Cerro Bitiche Andesitic Field: petrological diversity and implications for magmatic evolution of mafic volcanic centers from the northern Puna

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All coordinates of the samples given on Table 1 are unfortunately incorrect. Latitude and longitude are expressed as decimal degrees. Therefore, there must be only one period and its correct position is after the second number.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00445-016-1039-y>.

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Table 1 Representative whole rock compositions of Cerro Bítiche Andesitic Field andesites

Sample Group	Bi10-01 olivine	Bi-10-02 olivine	Bi10-03 pl + opx ± bt	Bi10-07 orthopyroxene	Bi-10-11 orthopyroxene	Bi10-12 orthopyroxene	Bi10-15 orthopyroxene	Bi10-19 orthopyroxene	Bi-10-21 pl + opx ± bt	Bi10-22 orthopyroxene	Bi10-23 pl + opx ± bt	Bi-10-25 pl + opx ± bt	Bi10-28 orthopyroxene	Bi-10-30 orthopyroxene
Latitude (S)	-22.9086	-22.9116	-22.9181	-22.8709	-22.8503	-22.8527	-22.8174	-22.8126	-22.8222	-22.8222	-22.8122	-22.8080	-22.8021	-22.7957
Longitude (W)	-67.1162	-67.1030	-67.0982	-67.1162	-67.1079	-67.0984	-67.1226	-67.0680	-67.0567	-67.0567	-67.0774	-67.0314	-67.0377	-67.0528
SiO ₂	57.34	57.90	61.22	58.27	58.62	56.26	60.70	58.83	60.59	59.14	61.88	61.99	59.61	58.61
TiO ₂	1.00	0.96	0.93	0.98	0.98	1.09	0.90	1.02	0.86	1.06	0.85	0.94	1.13	1.08
Al ₂ O ₃	15.70	15.11	15.74	15.13	15.65	15.42	15.29	16.11	15.84	16.20	15.91	16.49	16.40	16.24
Fe ₂ O ₃ ^T	7.30	7.28	6.09	7.47	7.42	7.29	6.46	7.12	6.19	7.10	6.05	6.05	7.14	7.42
MnO	0.10	0.10	0.08	0.10	0.09	0.13	0.09	0.09	0.09	0.10	0.08	0.08	0.09	0.11
MgO	6.26	5.14	3.97	6.19	5.58	4.66	5.18	4.80	3.87	4.73	3.59	2.99	3.95	5.00
CaO	6.17	6.60	4.97	5.52	5.53	7.30	4.74	5.51	5.13	5.57	4.80	4.94	5.39	5.73
Nb ₂ O ₅	2.39	2.53	2.19	2.40	2.81	2.97	2.55	2.64	2.26	2.49	2.18	2.55	2.69	2.26
K ₂ O	2.85	2.46	3.23	2.57	2.71	2.36	2.95	3.09	3.36	3.19	3.27	3.21	3.03	2.95
P ₂ O ₅	0.23	0.25	0.21	0.18	0.26	0.29	0.20	0.25	0.19	0.26	0.19	0.20	0.24	0.24
LOI	0.70	1.42	1.15	0.86	0.30	2.59	1.19	0.13	1.18	0.45	1.04	0.98	0.21	0.68
Total	100.03	99.75	99.77	99.67	99.93	100.37	100.26	99.59	99.56	100.28	99.83	100.43	99.87	100.31
Mg#	65	61	59	65	62	58	64	60	58	59	57	52	55	60
Ba	632	824	625	574	651	652	685	737	588	751	613	621	691	767
Sr	457	593	426	381	522	622	422	515	374	538	379	384	447	430
Rb	106	129	155	112	116	94	155	119	147	115	157	156	121	109
Cs	20	29	44	5	109	19	11	4	14	16	14	12	14	14
Nb	12	13	16	11	15	18	11	14	14	16	14	15	13	13
Ta	1.1	0.9	1.4	0.8	1.0	0.8	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
Zr	230	185	252	253	249	222	285	285	254	287	260	254	286	256
Y	20	22	25	24	23	22	21	24	27	24	27	29	21	22
Ni	122	114	53	121	184	108	141	78	18	82	19	18	55	94
Cr	411	476	202	389	343	299	348	222	140	201	147	117	159	246
La	41	53	45	40	46	46	52	54	42	54	42	42	43	43
Ce	86	99	88	78	87	87	105	105	81	105	81	81	89	89
Nd	10	11	10	10	10	10	12	13	10	13	10	10	10	10
Sm	36	43	38	35	37	37	46	49	36	49	36	36	38	38
Eu	6.6	7.4	7.2	6.3	6.1	6.1	9	8.1	6.8	8.1	6.8	6.8	7.2	7.2
Gd	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.7	1.6	1.7	1.6	1.6	1.6	1.6
Dy	4.9	5.5	5.5	5.4	4.9	4.9	5.9	6.0	5.7	6.0	5.7	5.7	5.5	5.5
Ho	0.7	0.7	0.9	0.8	0.7	0.7	0.7	1.0	0.9	1.0	0.9	0.9	0.8	0.8
Er	4.0	3.9	4.5	4.6	4.0	4.0	3.9	5.4	5	5.4	5	5	4.2	4.2
Yb	0.8	0.7	0.9	1.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.8
Lu	2.0	2.1	2.3	2.5	2.1	2.1	2.4	2.7	3.0	2.7	3.0	3.0	1.9	1.9
Th	0.3	0.3	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.3	0.3
U	1.8	2.0	2.2	2.7	1.5	1.5	1.7	2.3	2.5	2.3	2.5	2.5	1.7	1.7

LOI loss on ignition

Major oxides are in wt% and trace elements are in ppm. General precision for analysis is better than 1-2% for major elements and around 5-10% for trace and rare earth elements. FeO calculated using Fe²⁺ / Fe³⁺ in the melt obtained from spinel compositions included in olivine following Maurel and Maurel (1982). Mg# = MgO_{mol} / (MgO_{mol} + FeO_{mol})