

Sample number	VAL181	VAL178	VAL180	YES 5	YES 2	YES 3	YES 12
Lat°S	33.8	33.8	33.8	33.5	33.5	33.5	33.5
Analysis	ICP-MS	ICP-MS	ICP-AES	ICP-AES	ICP-AES	ICP-AES	ICP-AES
	Nancy	Nancy	Nancy	Nancy	Nancy	Nancy	Nancy
Volcano	San José	San José	San José	Marmolejo	Marmolejo	Marmolejo	Marmolejo
SiO2real	59.78	59.96	64.12	59.74	60.74	65.53	72.07
TiO2real	0.84	0.71	0.56	0.78	0.80	0.63	0.15
Al2O3real	17.53	17.80	17.32	17.06	17.46	16.30	13.98
Fe2O3real	2.48	2.07	1.53	2.30	2.02	1.54	1.18
FeOreal	3.51	3.58	2.02	2.89	2.97	2.19	0.39
MnOreal	0.11	0.10	0.08	0.09	0.10	0.06	0.09
MgOreal	3.11	2.53	1.39	3.12	2.26	1.59	0.54
CaOreal	5.86	5.43	3.81	5.79	5.09	3.23	0.76
Na2Oreal	4.10	3.98	4.44	3.88	4.39	4.03	3.88
K2Oreal	2.19	2.45	2.78	2.29	2.43	3.89	3.96
P2O5real	0.14	0.13	0.11	0.08	0.21	0.13	0.08
Sum real	99.65	98.74	98.16	98.02	98.47	99.12	97.08
H2O	0.22	0.31	0.20	1.09	0.65	0.69	2.46
CO2	0.16	0.09	0.12	0.18	0.07	0.05	0.23
Sum	100.03	99.14	98.48	99.29	99.19	99.86	99.77
SiO2 recal	59.99	60.73	65.32	60.95	61.68	66.11	74.24
TiO2 recal	0.84	0.72	0.57	0.80	0.81	0.64	0.15
Al2O3 recal	17.59	18.03	17.64	17.40	17.73	16.44	14.40
Fe2O3 recal	2.49	2.10	1.56	2.35	2.05	1.55	1.22
FeO recal	3.52	3.63	2.06	2.95	3.02	2.21	0.40
MnO recal	0.11	0.10	0.08	0.09	0.10	0.06	0.09
MgO recal	3.12	2.56	1.42	3.18	2.30	1.60	0.56
CaO recal	5.88	5.50	3.88	5.91	5.17	3.26	0.78
Na2O recal	4.11	4.03	4.52	3.96	4.46	4.07	4.00
K2O recal	2.20	2.48	2.83	2.34	2.47	3.92	4.08
P2O5 recal	0.14	0.13	0.11	0.08	0.21	0.13	0.08
Sum recal	100.00	100.00	100.00	100.00	100.00	100.00	100.00
As	5.41	6.69					
Ba	507	462	545	548	547	609	670
Be	1.73	1.29					
Bi	tr	0.04					
Cs	1.75	3.17					
Co	15.4	14.5	34	26	5	5	13
Cr	18.1	25.6	5	69	39	45	5
Cu	22.3	18.2	5	20	17	17	5
Hf	6.53	6.11					
Nb	8.56	9.94					
Ni	10.5	43.3		54	24	16	14
Pb	14.6	19.4					
Rb	72.2	95.5	86	61	67	171	128
Sb	0.69	0.63					
Sr	548	473	391	549	547	377	93
Ta	0.76	0.95					
Th	7.66	9.31					
U	2.23	3.15					
V	145	122	36	123	142	79	10
Y	22.9	27.4	20.7	15.3	19.1	19.1	17.4
Zn	78.4	78.9					
Zr	189	178	202	169	194	322	82
La	27.62	27.54					
Ce	58.50	58.39					
Pr	6.8	6.88					
Nd	27.49	27.65					
Sm	5.24	4.98					
Eu	1.32	1.28					
Gd	4.26	4.54					
Tb	0.61	0.71					
Dy	3.59	4.16					
Ho	0.86	0.92					
Er	2.12	2.49					
Tm	0.30	0.33					
Yb	2.28	2.69					
Lu	0.31	0.45					
Age (Ma)	2	2					
87Sr/86Sr	0.70536	0.70570					
Sr(i)	0.70535	0.70568					
143Nd/144Nd	0.512528	0.512532					
Nd(i)	0.512526	0.512531					
Epsilon Nd	-2.1	-2.0					