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Title of article Early alkalic plutonism in the calc-alkalic batho-
lithic belt of California
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TABLE 2: AVERAGE CHEMICAL COMPOSITIONS OF CALIFORNIA MONZONITES

	GRANITE MOUNTAINS	SAN BERNARDINO MOUNTAINS	INYO MOUNTAINS (SILICA SATURATED)	INYO MOUNTAINS (UNDERSATURATED)	SOUTHERN CALIF. QTZ PLUTONITES
n	26	24	7	6	5 4 2
\$10 ₂	60.3	60.5	58.8	53.0	67.0
A1203	19.4	15.7	17.6	17.4	16.0
Fe as Fe ₂ 0 ₃	3.9	6.6	5.4	8.9	3.9
MgO	0.44	2.5	2.2	3.3	1.8
CaO	3.9	5.2	4.8	6.9	4.1
Na ₂ 0	5.1	4.0	4.5	5.0	3.7
K20	5.3	4.2	4.7	3.6	2.9
TIO ₂	0.44	0.60	0.81	0.95	0.59
Mn0	0.12	0.13	0.09	0.15	-
P205	0.14	0.36	0.43	0.75	0.12
Ignition Loss	0.38	0.44	0.45	0.10	-
Total	99.42	100.23	99.78	100.05	100.11
Ba .	2600	1200	1800	1200	
La	40	47	.56	38	
Sm	6.7	6.7	7.3	6.6	
Lu	0.30	0.38	0.25	0.26	
Rb	130	140	140	120	
Sr	1400	750	1500	1500	
(sr ⁸⁷ /sr ⁸⁶),	(0.707)	(0. 70 9+)	(0.706)	(0.7055)	

Analyses for all elements except REE by XRF; REE determined by instrumental neutron activation analysis.

Precision and accuracy for individual analyses, determined by replicate analyses and analysis of international standards, is $\pm 1-5\%$ of amount present for Si, Ai, Fe, Ca, K, and Sr, and $\pm < 10\%$ for other elements (1σ) (Ce and Md, not listed in this table, are somewhat poorer).

Sr isotope ratios were obtained in the UCLA isotope Laboratory; precisions for individual runs were <20.0001. Initial ratios were determined by making the small corrections for growth over 175-230 m.y.; values are estimated to be accurate to <20.0003, except for San Bernardino Mountains samples which were highly variable.

n = number of XRF analyses; n for REE = $\frac{1}{4}$, 5, 3, and $\frac{1}{4}$ respectively for the columns above, and 6, 4, 2, and 1 for the isotope values.

^{*} averaged from data of Baird and others (1974).