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MINERALOGY, PETROLOGY, AND ORIGIN OF THE PEDRA BRANCA SUITE: A TONALITIC-TRONDHJEMITIC ASSOCIATION WITH HIGH Zr, Ti AND Y, CARAJÁS PROVINCE, AMAZONIAN CRATON

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Supplementary table 6. Representative electron microprobe analyses of plagioclase of the Pedra Branca Suite

Classification	Trondhjemite										Tonalite				
	AMR – 124 B (11)						AMR – 191 A (13)				AMR – 121 A (5)				
Sample	C1_2	C1_3	C2_4	C2_5	C3_6	C5_7	C2_1	C5_5	C7_8	C7_9	C3_1	C4_5	C5_7	C5_9	C6_12
SiO ₂	63.50	62.89	63.54	63.67	64.00	63.31	63.41	62.95	62.23	59.76	61.93	62.57	63.92	62.43	63.37
Al ₂ O ₃	22.53	22.74	22.65	22.86	22.68	22.90	22.78	22.34	22.60	22.96	22.59	22.58	22.16	22.69	21.92
FeO	0.17	0.00	0.05	0.11	0.13	0.00	0.08	0.05	0.00	0.11	0.06	0.23	0.06	0.03	0.17
CaO	3.68	3.79	3.80	3.93	3.65	3.74	3.48	3.90	3.91	3.92	3.88	3.94	3.40	3.97	3.46
Na ₂ O	9.78	9.61	9.51	9.47	9.24	9.28	9.29	9.30	9.54	8.52	9.67	9.59	9.67	9.43	9.55
K ₂ O	0.14	0.21	0.24	0.20	0.21	0.19	0.22	0.20	0.16	0.42	0.11	0.13	0.15	0.12	0.15
Total	99.8	99.24	99.79	100.2	96.26	99.42	99.26	98.74	98.44	95.69	98.24	99.04	99.36	98.67	98.62
Number of cations per formula unit based on eight oxygen atoms															
Si	2.814	2.803	2.813	2.808	2.825	2.810	2.814	2.817	2.797	2.762	2.790	2.789	2.838	2.798	2.835
Al	1.177	1.195	1.182	1.188	1.180	1.198	1.192	1.178	1.197	1.251	1.200	1.190	1.160	1.198	1.156
Fe	0.006	0.000	0.002	0.004	0.005	0.000	0.003	0.002	0.000	0.004	0.002	0.008	0.002	0.001	0.006
Ca	0.175	0.181	0.180	0.186	0.173	0.178	0.165	0.187	0.188	0.194	0.187	0.189	0.162	0.191	0.166

Na	0.840	0.830	0.817	0.810	0.791	0.799	0.799	0.806	0.832	0.764	0.844	0.831	0.832	0.819	0.828
K	0.008	0.012	0.013	0.011	0.012	0.011	0.013	0.011	0.009	0.025	0.006	0.007	0.008	0.007	0.009
Cation	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Albite	83	82	82	81	82	82	83	81	82	80	82	81	84	81	83
Anortite	17	18	18	19	18	18	17	19	18	20	18	19	16	19	17