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Mineralogical evolution of the northern Bossoroca ophiolite, São Gabriel terrane

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Supplementary Table 11. Electron microprobe analyses of clinopyroxene.

Deformed diorite, sample C3P17

Analysis	12	13	14	15	16	17	18
SiO ₂	53.00	53.11	52.98	53.72	53.69	53.69	53.47
TiO ₂	0.06	0.02	0.06	0.07	0.04	0.05	0.08
Al ₂ O ₃	0.98	0.85	0.80	0.97	1.01	0.81	1.07
Cr ₂ O ₃	0.02	0.07	0.07	0.00	0.07	0.03	0.03
FeO	7.21	7.36	7.09	6.98	6.79	7.04	7.30
MnO	0.25	0.27	0.30	0.30	0.26	0.30	0.24
MgO	13.55	13.58	13.83	13.02	13.69	13.53	13.51
CaO	23.75	23.64	23.39	23.11	23.58	23.04	23.20
Na ₂ O	0.50	0.49	0.45	0.47	0.56	0.50	0.55
K ₂ O	0.01	0.04	0.02	0.05	0.01	0.04	0.07
Total	99.33	99.43	98.99	98.69	99.70	99.03	99.52
Structural formulae of clinopyroxene based on 6 O							
Si	1.985	1.988	1.989	2.014	1.996	2.008	1.994
Al	0.015	0.012	0.011	0.000	0.004	-0.008	0.006
Al	0.028	0.026	0.024	0.057	0.040	0.044	0.041
Fe(iii)	0.030	0.031	0.024	0.000	0.002	0.000	0.003
Cr	0.001	0.002	0.002	0.000	0.002	0.001	0.001
Ti	0.002	0.001	0.002	0.002	0.001	0.001	0.002
Fe(ii)	0.195	0.199	0.198	0.220	0.209	0.221	0.224
Mn	0.008	0.009	0.010	0.010	0.008	0.010	0.008
Mg	0.756	0.758	0.774	0.728	0.759	0.754	0.751
Ca	0.953	0.948	0.941	0.928	0.939	0.923	0.927
Na	0.036	0.036	0.033	0.034	0.040	0.036	0.040
K	0.000	0.002	0.001	0.002	0.000	0.002	0.003
Total	4.009	4.012	4.009	3.981	4.000	3.992	4.000
Fe ²⁺ /(Fe ²⁺ + Fe ³⁺)	0.867	0.865	0.894	1.268	0.992	1.118	0.986
Fe ³⁺ /(Fe ³⁺ + Fe ²⁺)	0.133	0.135	0.106	-0.268	0.008	-0.118	0.014
Wo	48.15	47.89	47.53	48.36	47.98	47.49	47.46
En	38.23	38.28	39.11	37.91	38.76	38.81	38.46
Fs	11.78	12.04	11.71	11.95	11.20	11.84	12.04
Ac	1.83	1.80	1.65	1.78	2.06	1.86	2.04