Table SD9. Representative hornblende analyses used in aluminum-in-hornblende pressure calculations.

Sample	*K16b-87*	*91TH181*	*93TH417*	*94KK27*	*04SE5*	*08SE429*
Unit	South tonalite of Vergeles	Claraville granodiorite	Claraville granodiorite	Granodiorite of Jacobsen Meadow	Lebec granodiorite	Unnamed tonalite
SiO_2	44.08	43.01	44.83	44.55	46.54	43.45
TiO_2	1.55	1.59	1.44	1.26	0.35	1.04
Al_2O_3	9.77	8.55	8.03	8.55	7.23	10.36
Fe_2O_3*	3.43	4.75	3.07	4.22	2.38	2.31
FeO	16.99	19.64	19.03	13.44	17.68	16.48
MnO	0.50	0.68	0.44	0.47	0.57	0.42
MgO	8.36	6.54	7.85	10.79	9.10	8.90
CaO	11.52	11.21	11.62	11.83	11.94	11.87
Na_2O	1.21	1.42	1.08	1.13	0.91	1.12
K_2O	1.06	1.06	0.95	0.98	0.73	1.29
Total	98.48	98.45	98.33	97.22	97.43	97.24
Si	6.63	6.61	6.80	6.70	7.04	6.60
Al^{iv}	1.37	1.39	1.20	1.30	0.96	1.40
ΣT	8.00	8.00	8.00	8.00	8.00	8.00
Al^{vi}	0.36	0.16	0.24	0.21	0.33	0.45
Ti	0.18	0.18	0.16	0.14	0.04	0.12
Fe^{3+}	0.39	0.55	0.35	0.48	0.27	0.26
Fe^{2+}	2.14	2.52	2.41	1.69	2.24	2.09
Mn	0.06	0.09	0.06	0.06	0.07	0.05
Mg	1.87	1.50	1.78	2.42	2.05	2.02
ΣM1-M3	5.00	5.00	5.00	5.00	5.00	5.00
Ca	1.86	1.84	1.89	1.91	1.94	1.93
Na	0.35	0.42	0.32	0.33	0.27	0.33
Na^{M4}	0.14	0.16	0.11	0.09	0.06	0.07
ΣM4	2.00	2.00	2.00	2.00	2.00	2.00
Na^{A}	0.21	0.27	0.21	0.23	0.20	0.26
K	0.20	0.21	0.18	0.19	0.14	0.25
ΣA	0.41	0.47	0.39	0.42	0.34	0.51
Total	15.41	15.47	15.39	15.42	15.34	15.51
Amphibole name*	ferro-hornblende	ferro-hornblende	ferro-hornblende	magnesio-hornblende	ferro-hornblende	ferro-edenitic hornblende

Table SD9 (Continued).

Sample	*08SE451*	*08SE463*	*08SE674*	*08TC27a*	*10SE1*
Unit	Antimony Peak tonalite	Unnamed tonalite	White Oak diorite gneiss	Granodiorite of Gamble Spring Canyon	Granite of Brush Mountain
SiO_2	42.69	42.99	42.45	47.43	47.57
TiO_2	0.31	1.33	0.20	0.45	1.10
Al_2O_3	16.13	10.17	16.69	6.94	8.59
Fe_2O_3*	7.18	2.76	5.78	3.32	6.37
FeO	8.58	16.91	10.41	15.80	8.20
MnO	0.49	0.41	0.29	0.51	0.23
MgO	9.64	8.67	8.69	10.26	13.02
CaO	10.79	11.90	10.89	11.83	11.17
Na_2O	1.89	1.14	1.68	1.08	1.03
K_2O	0.25	1.35	0.30	0.61	0.37
Total	97.95	97.10	97.10	97.10	97.10
Si	6.21	6.54	6.23	7.06	6.89
Al^{iv}	1.79	1.46	1.77	0.94	1.11
ΣT	8.00	8.00	8.00	8.00	8.00
Al^{vi}	0.98	0.36	1.12	0.27	0.35
Ti	0.03	0.15	0.02	0.05	0.12
Fe^{3+}	0.79	0.32	0.64	0.37	0.69
Fe^{2+}	1.04	2.15	1.28	1.97	0.99
Mn	0.06	0.05	0.04	0.06	0.03
Mg	2.09	1.97	1.90	2.28	2.81
ΣM1-M3	5.00	5.00	5.00	5.00	5.00
Ca	1.68	1.94	1.71	1.89	1.73
Na	0.53	0.34	0.48	0.31	0.29
Na^{M4}	0.32	0.06	0.29	0.11	0.27
ΣM4	2.00	2.00	2.00	2.00	2.00
Na^{A}	0.22	0.28	0.19	0.20	0.02
K	0.05	0.26	0.06	0.12	0.07
ΣA	0.26	0.54	0.25	0.31	0.09
Total	15.26	15.54	15.25	15.31	15.09
Amphibole name*	ferrian-tschermakite	potassian-ferro-edenitic hornblende	alumino-tschermakite	magnesio-hornblende	magnesio-hornblende

* determined using Probe-AMPH (Tindle and Webb, 1994).