TABLE 6

Hornblende, second zone, data from Reference 9. d_1 = 8.47, d_2 = 5.15, ϕ = 76.8. Err. d = 1.5%, err. ϕ 1.0 deg.

CODE	Formula	d_1 (largest)	d2	ϕ
036656	Ca2(Mg, Fe)5Si8O22(OH, F)2	8.41	5.13	76
036659	Ca2(Mg, Fe)5Si8O22(OH, F)2	8.41	5.12	76
036667	Ca2(Fe, Mg)5Si8O22(OH, F)2	8.43	5.15	76
036670	Ca2(Fe, Mg)5Si8O22(OH, F)2	8.43	5.11	75
036670	Ca2(Fe, Mg)5Si8O22(OH, F)2	8.43	5.14	76
036671	Ca2(Mg, Fe)5Si8O22(OH, F)2	8.40	5.12	76
037155	Ca2(Mg, Fe)5Si8O22(OH)2	8.44	5.12	77
109098	Ca3Fe(Mg, Fe)4Si8O22(OH)2	8.43	5.10	76
109098	Ca3Fe(Mg, Fe)4Si8O22(OH)2	8.43	5.11	76
E721167	Ca2(Mg, Fe)5Si8O22(OH)2	8.41	5.11	77
E721167	Ca2(Mg, Fe)5Si8O22(OH)2	8.42	5.11	77
F900783	Ca2(Mg, Fe)5Si8O22(OH)2	8.46	5.12	77

TABLE 7

Fe_3C, data from Reference 10. d_1 = 5.16, d_2 = 4.66, ϕ =90. Err. d = 4%, err. ϕ =2 deg. Elements: Fe.

CODE	Formula	d_1(largest)	d_2	ϕ
038237	Fe3C	5.07	4.52	90
038290	Fe3C	5.08	4.52	90
038291	Fe3C	5.08	4.52	90
038308	Fe3(C, B)	5.27	4.48	90
712191	Fe3C	5.09	4.52	90
713913	Fe3C	5.09	4.52	90

TABLE 8

Hollandite, $BaMn_8O_{16}$, data from Reference 11. First zone: d_1 = 5.000, d_2 = 2.7500, ϕ = 88.75. Err. d = 1.5%, err. ϕ = 1.0 deg. Elements: Ba, Mn.

CODE	Formula	d_1(largest)	d_2	ϕ
712343	BaMn8O16	5.01	2.75	89.7
712343	BaMn8O16	5.01	2.75	89.8
B716966	BaMn8O16	5.01	2.75	89.7
B716966	BaMn8O16	5.01	2.75	89.8
F901805	BaMn8O16	5.00	2.74	89.7

TABLE 9

Hollandite, second zone: d_1 = 7.150, d_2 = 2.764, ϕ = 79.00. Err. d = 1.5%, err. ϕ = 1.0 deg.

CODE	Formula	d_1(largest)	d_2	ϕ
712343	BaMn8O16	7.04	2.76	79.0
712343	BaMn8O16	7.04	2.76	79.1
B716966	BaMn8O16	7.04	2.76	79.0
B716966	BaMn8O16	7.04	2.76	79.1
F901805	BaMn8O16	7.04	2.75	79.0
F901805	BaMn8O16	7.04	2.75	79.1

TABLE 10

M_2X, data from Reference 12, first zone: d_1 = 2.74, d_2 = 2.74, ϕ = 60.0. Err. d = 2%, err. = 1 deg. Element: Nb.

CODE	Formula	d_1(largest)	d_2	ϕ
020498	NbFO2	2.76	2.76	60.0
024797	NbF3	2.76	2.76	60.0
029083	NbFO2	2.75	2.75	60.0

TABLE 10-continued

M_2X, data from Reference 12, first zone: d_1 = 2.74, d_2 = 2.74, ϕ = 60.0. Err. d = 2%, err. = 1 deg. Element: Nb.

CODE	Formula	d_1(largest)	d_2	ϕ
020498	NbFO2	2.76	2.76	60.0
033009	NbFO2	2.76	2.76	60.0
037977	Nb2C	2.69	2.69	60.0
108416	Nb2C	2.69	2.69	60.0
120058	Nb4C3	2.71	2.71	60.8
713883	NbB2	2.69	2.69	60.0

TABLE 11

M_2X, second zone: d_1 = 2.74, d_2 = 1.47, ϕ = 90.0. Err. d = 2%, err. ϕ = 1 deg. Element: Nb.

CODE	Formula	d_1(largest)	d_2	ϕ
025091	NbN	2.77	1.48	90.0
037977	Nb2C	2.69	1.48	90.0
108416	Nb2C	2.69	1.48	90.0

TABLE 12

M_2X, first zone. Err. d = 2%, err. ϕ = 1 deg. Element: Ni.

CODE	Formula	d_1(largest)	d_2	ϕ	0
026059	Ni(OH)2	2.71	2.71	60.0	
109600	Ni2NO3(OH)3	2.71	2.71	60.0	
700438	Ni3(NO3)2(OH)4	2.71	2.71	60.0	
809675	Ni(OH)2	2.71	2.71	60.0	

TABLE 13

M_2X, second zone. Err. d = 2%, err. ϕ =1 deg. Element: Ni.

CODE	Formula	d_1(largest)	d_2	ϕ
020986	Ni(OH)2	2.7	1.48	90.0
026059	Ni(OH)2	2.71	1.48	90.0
809675	Ni(OH)2	2.71	1.48	90.0

TABLE 14

M_6C. d_1 = 6.35, d_2 = 3.94, ϕ = 90.0. Err. d = 5%, err. ϕ = 1 deg. Elements: Cr, Nb.

CODE	Formula	d_1(largest)	d_2	ϕ
037846	Cr3Nb3C	6.63	4.06	90.

TABLE 15

M_6C. Err. d = 3%, err. ϕ = 1 deg. Elements: Fe, Nb.

CODE	Formula	d_1(largest)	d_2	ϕ	0
F722506	Fe3Nb3C	6.52	3.99	90.0	
G726169	Fe21.988(Nb0.167B0.833)6	6.24	3.82	90.0	