

May Day, KA

Olivines

	Mg : Fe	Total	Fe	Fe+Mg	= mol. % Fa
1	43.32:18.44	100.91	0.257	1.332	19.29
2	43.20:17.12	99.55	0.238	1.310	18.17
3	43.40:17.07	99.57	0.238	1.315	18.10
4	43.77:17.32	100.13	0.241	1.327	18.16
5	43.46:17.76	100.54	0.247	1.325	18.64
6	43.42:17.35	100.57	0.241	1.318	18.29
7	43.42:17.78	100.66	0.247	1.324	18.66
8	43.58:17.14	100.41	0.239	1.320	18.11
9	43.66:17.36	100.58	0.242	1.325	18.26
10	43.70:17.35	100.17	0.241	1.325	18.19
11	43.85:17.55	100.78	0.244	1.332	18.32
12	43.67:17.37	100.37	0.242	1.325	18.26
13	41.92:19.77	100.24	0.275	1.315	20.91
14	43.61:17.25	99.26	0.240	1.322	18.15
15	43.25:17.17	99.67	0.239	1.312	18.22
16	43.73:17.54	100.75	0.244	1.329	18.37
17	43.54:17.40	100.29	0.242	1.322	18.31
18	43.64:16.90	100.31	0.235	1.318	17.83
19	43.74:17.03	100.27	0.231	1.322	17.93
20	40.64:19.84	99.02	0.276	1.284	21.50

$\bar{X} = 18.58$

Range: 17.83 - 21.50

(3.67 mol % Fa)  $\sigma = 0.95$

# ~~May Day Pyroxenes~~

Moles

	Mg : Fe	Total	Fe	Fe+Mg	mol % Fs
1	31.94 : 10.94	100.31	0.152	0.944	16.10
2	31.62 : 11.17	100.62	0.155	0.939	16.51
3	31.02 : 11.66	100.04	0.162	0.932	17.38
4	31.75 : 11.24	101.01	0.156	0.944	16.53
5	31.53 : 11.83	101.08	0.165	0.947	17.42
6	31.31 : 11.87	100.61	0.165	0.942	17.52
7	31.70 : 12.04	101.05	0.168	0.954	17.61
8	31.25 : 12.19	98.97	0.170	0.945	17.99
9	31.18 : 11.31	100.57	0.157	0.931	16.86
10	31.08 : 11.49	101.01	0.160	0.931	17.19
11	31.95 : 10.79	100.98	0.150	0.943	15.91
12	31.29 : 11.22	100.73	0.156	0.932	16.74
13	31.20 : 10.52	99.42	0.146	0.920	15.87
14	31.45 : 10.76	99.99	0.150	0.930	16.13
15	31.18 : 11.40	100.95	0.159	0.932	17.06
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