

Hassayampa MITI.1

Oliv.

	MgO	FeO	FeO	FeO + MgO	Fe%	CaO
1	43.22	17.28	0.241	1.313	18.4	03
2	42.84	17.70	0.246	1.309	18.8	03
3	43.26	17.33	0.241	1.314	18.3	03
4	43.13	17.85	0.248	1.318	18.8	02
5	42.78	17.77	0.247	1.308	18.9	03
6	43.20	17.71	0.246	1.318	18.7	01
7	42.98	17.51	0.244	1.310	18.6	02
8	43.10	17.37	0.242	1.311	18.5	04
9	43.07	17.61	0.245	1.313	18.7	01
10	43.12	17.42	0.242	1.312	18.4	03
11	42.96	17.32	0.241	1.307	18.4	02
12	43.27	17.79	0.248	1.321	18.8	01
13	43.13	17.49	0.243	1.313	18.5	03
14	43.57	17.06	0.237	1.318	18.0	00
15	43.51	17.59	0.245	1.324	18.5	01
16	43.67	17.39	0.242	1.325	18.3	02
17	43.38	17.37	0.242	1.318	18.4	02
18	43.19	17.39	0.242	1.313	18.4	03
19	43.24	17.39	0.242	1.315	18.4	02
20	43.12	17.72	0.247	1.317	18.8	02

M = 18.5
σ = 0.2

Hassayama M171.1

Pyrox's
%Fs %Wo

	MgO	FeO	CaO	MgO	FeO	CaO	total	%Fs	%Wo
1	31.17	10.82	0.80	.773	.151	.014	.938	16.1	1.5
2	31.71	11.30	0.61	.787	.157	.011	.955	16.4	1.2
3	31.40	11.77	0.54	.779	.164	.010	.953	17.2	1.0
4	31.71	11.20	0.52	.787	.156	.009	.952	16.4	0.9
5	31.78	10.80	0.37	.788	.150	.007	.945	15.9	0.7
6	31.08	11.36	0.59	.771	.158	.011	.940	16.8	1.2
7	30.98	11.54	0.47	.769	.161	.008	.938	17.2	0.9
8	31.44	10.88	0.63	.780	.151	.011	.942	16.0	1.2
9	31.28	11.41	0.53	.776	.159	.009	.944	16.8	1.0
10	31.52	11.33	0.60	.782	.158	.011	.951	16.6	1.2
11	31.68	11.33	0.58	.786	.158	.010	.954	16.6	1.0
12	31.81	11.01	0.60	.789	.153	.011	.953	16.1	1.2
13	31.39	11.37	0.60	.779	.158	.011	.948	16.7	1.2
14	32.41	11.09	0.25	.804	.154	.004	.962	16.0	0.4
15	31.84	11.41	0.59	.790	.159	.011	.960	16.6	1.1
16	31.79	11.35	0.55	.789	.158	.010	.957	16.5	1.0
17	31.71	11.67	0.54	.787	.162	.010	.959	16.9	1.0
18	31.60	11.35	0.62	.784	.158	.011	.953	16.6	1.2
19	31.83	11.25	0.61	.790	.157	.011	.958	16.4	1.1
20	31.61	11.56	0.54	.784	.161	.010	.955	16.9	1.0

M = 16.5 1.1
0.4 0.2