

OLIVINES (MARJALAHTI); FAYALITE (ROCKPORT)

% MARJ

% FAY

large grains (2 or 3)

many small grains - brighter

	<u>Element</u>	<u>Oxide</u>
Mg	.2870	.4759
Si	.1888	.4039
Mn	.0022	.0028
Fe	.0897	.1154
Cr	.0007	.0010
Ni	.0003	.004
Oxygen	.4313	-
Total	1.0000	1.0000

	<u>Element</u>	<u>Oxide</u>
Mn	.017	.022
Fe	.528	.679
Si	.134	.287
Ca	.001	.001
Zn	.002	.003
Oxygen	.318	-
Total	1.000	.992

Z = 11.950

Z = 18.653

Ni-OLIVINE

% NIOL

	<u>Element</u>	<u>Oxide</u>
Ni	.5605	.7132
Si	.1341	.2868
Oxygen	.3054	-
Total	1.0000	1.0000

Z = 20.015