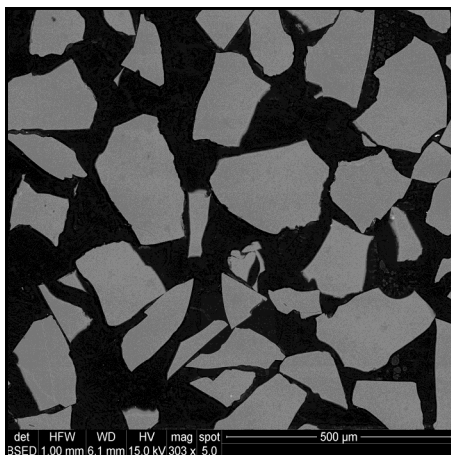


Garnet, NMNH 87375

SiO ₂ :	39.47
Al ₂ O ₃ :	22.27
Fe ₂ O ₃ :	2.77
FeO:	13.76
MgO:	6.55
CaO:	14.39
TiO ₂ :	0.39
MnO:	0.59
H ₂ O:	<0.01
TOTAL	100.19

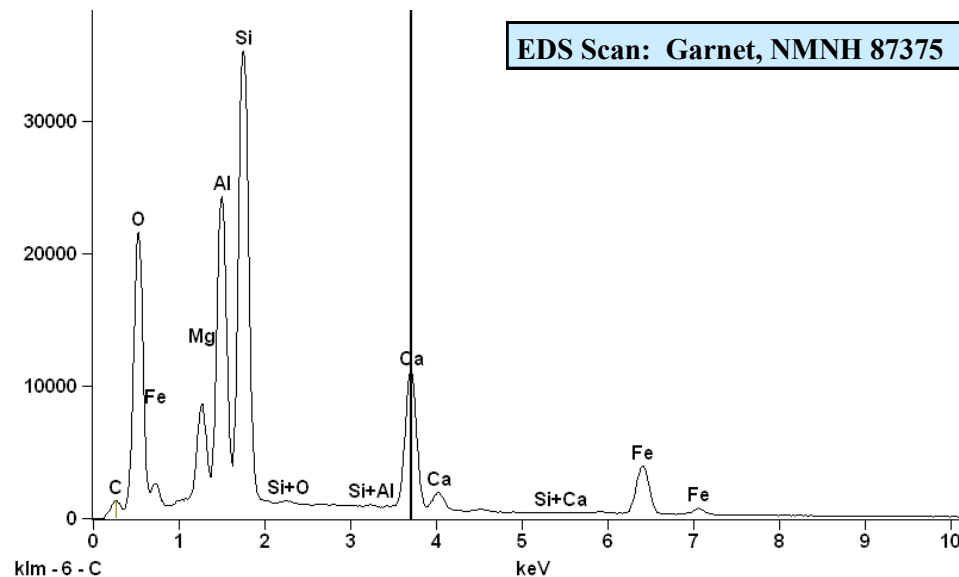


Analyst: E. Jarosewich
 (Jarosewich, 1972).
Source: Roberts Victor Mine,
 South Africa

Size fractions available:
 0.125 mm - ≈ 0.088 mm

Standard Specifics:

Note on impurities: The amount of this material remaining is very small. We are now distributing material from a vial labeled “small impurities.” There are rare black grains visible under the microscope that have yet to be identified.



References:

E. Jarosewich (1972) Chemical analysis of five minerals for microprobe standards. *Smithsonian Contributions to the Earth Sciences* 9, 83-84.

Jarosewich, E., Nelen, J. A., and Norberg, J. A. (1980) Reference Samples for Electron Microprobe Analysis. *Geostandards Newsletter* 4, p. 43-47.