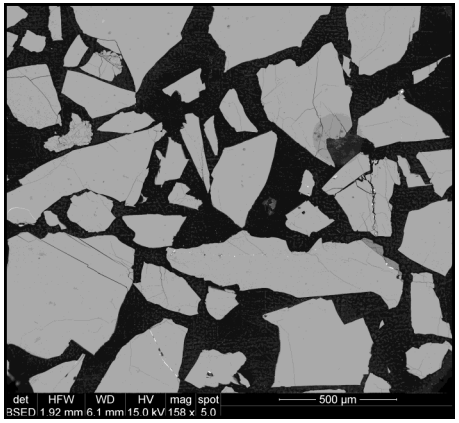
Smithsonian
National Museum of Natural History

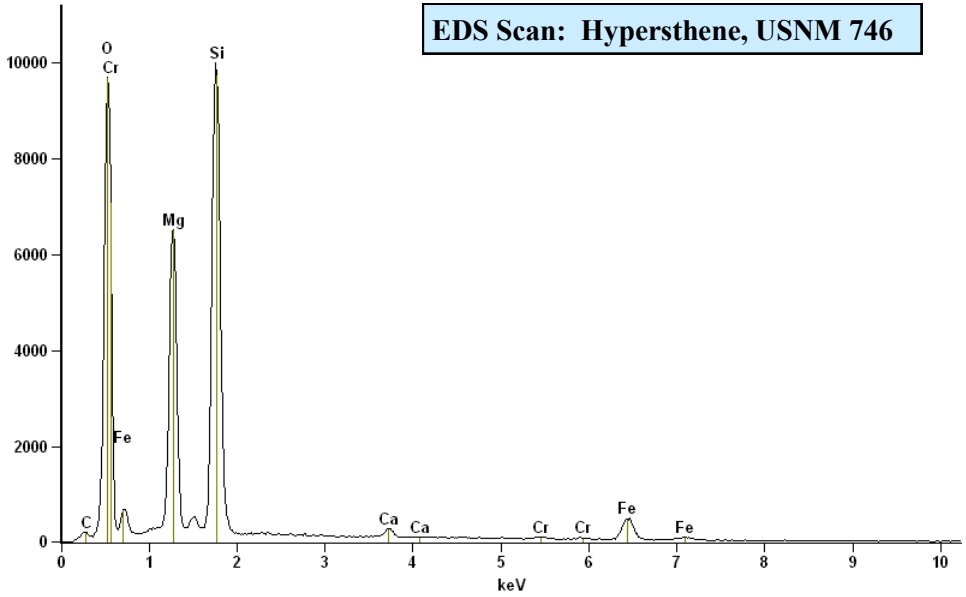
Hypersthene, USNM 746

SiO_2:	54.09
Al_2O_3:	1.23
FeO:	15.22
MgO:	26.79
CaO:	1.52
Na_2O:	<0.05
K_2O:	<0.05
TiO_2:	0.16
Cr_2O_3:	0.75
MnO:	0.49
H_2O:	0.00
TOTAL	100.25



Size fractions available:
Unsized crushed material

EDS Scan: Hypersthene, USNM 746



Analyst: J. Norberg (Jarosowich *et. al.*, 1980)
Source: Johnstown meteorite

Standard Specifics:

This note was distributed by Gene Jarosewich with a number reference materials:
"Based on our experience the oxides in the standards listed below may give inferior results. Other oxides in the same standards give excellent results. Al_2O_3, CaO Johnstown Hypersthene"

Impurities: chromite veins and included crystals; common

References:

Jarosewich, E. *et. al.* (1980) Reference Samples for Electron Microprobe Analysis. *Geostand. Newslett. 4, p. 43-47.*