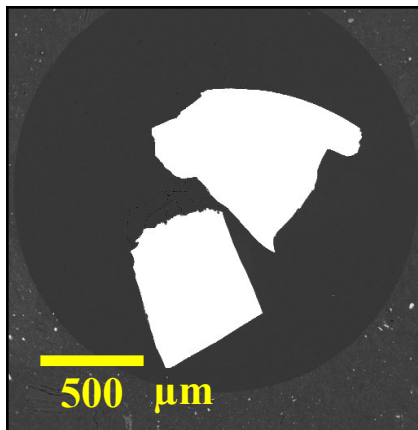


Corning Glass C, NMNH 117218-2

SiO ₂ :	34.87	SnO ₂ :	0.19
Al ₂ O ₃ :	0.87	SrO:	0.29
Fe ₂ O ₃ :	0.34	ZnO:	0.052
MgO:	2.76	B ₂ O ₃ :	0.20
CaO:	5.07	Li ₂ O:	0.01
Na ₂ O:	1.07	Cl:	0.10
K ₂ O:	2.84	SO ₃ :	0.10
MnO:	0.82	Rb ₂ O:	0.01
P ₂ O ₅ :	0.14	V ₂ O ₅ :	0.006
TiO ₂ :	0.79	Cr ₂ O ₃ :	0.001
Sb ₂ O ₅ :	0.03	NiO:	0.02
CuO:	1.13	ZrO ₂ :	0.005
PbO:	36.70	Ag ₂ O:	0.002
CoO:	0.18	Bi ₂ O ₃ :	0.001
BaO:	11.40		

TOTAL **100.00**



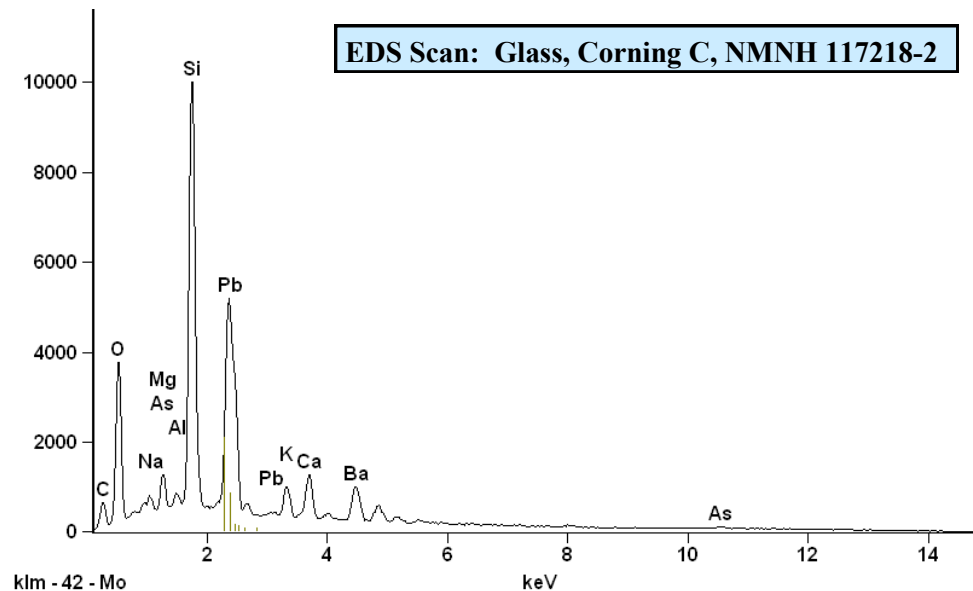
Size fractions available:
Cubes that can be chipped
 2.0 mm - 1.0 mm
 1.0 mm - 0.5 mm
 0.5 mm - 0.25 mm

Analysis: Vicenzi et. al., 2002
Source: Synthetic

Standard Specifics:

LA-ICPMS: in addition to sizes above, small bricks of this material greater than 1 cm in thickness along with a large quantity make this material suitable for large area destructive techniques.

Vicenzi et al (2002) gives the total as 99.95.



References:

Vicenzi, E. P. *et. al.* (2002) Microbeam Characterization of Corning Archeological Reference Glasses: New Additions to the Smithsonian Microbeam Standard Collection. *J. of Res. NIST.*, 107, p. 719-727.