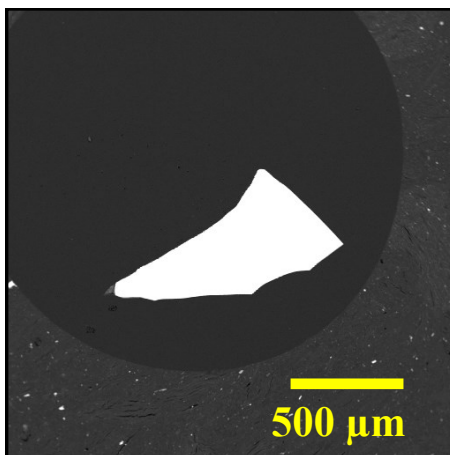


## Corning Glass D, NMNH 117218-3

SiO <sub>2</sub> :	55.24	SnO <sub>2</sub> :	0.10
Al <sub>2</sub> O <sub>3</sub> :	5.30	SrO:	0.057
Fe <sub>2</sub> O <sub>3</sub> :	0.52	ZnO:	0.10
MgO:	3.94	B <sub>2</sub> O <sub>3</sub> :	0.10
CaO:	14.80	Li <sub>2</sub> O:	0.005
Na <sub>2</sub> O:	1.20	Cl:	0.40
K <sub>2</sub> O:	11.30	SO <sub>3</sub> :	0.30
MnO:	0.55	Rb <sub>2</sub> O:	0.005
P <sub>2</sub> O <sub>5</sub> :	3.93	V <sub>2</sub> O <sub>5</sub> :	0.015
TiO <sub>2</sub> :	0.38	Cr <sub>2</sub> O <sub>3</sub> :	0.0025
Sb <sub>2</sub> O <sub>5</sub> :	0.97	NiO:	0.05
CuO:	0.38	ZrO <sub>2</sub> :	0.0125
PbO:	0.48	Ag <sub>2</sub> O:	0.005
CoO:	0.023	Bi <sub>2</sub> O <sub>3</sub> :	0.0025
BaO:	0.51		
<b>TOTAL</b>			<b>100.68</b>



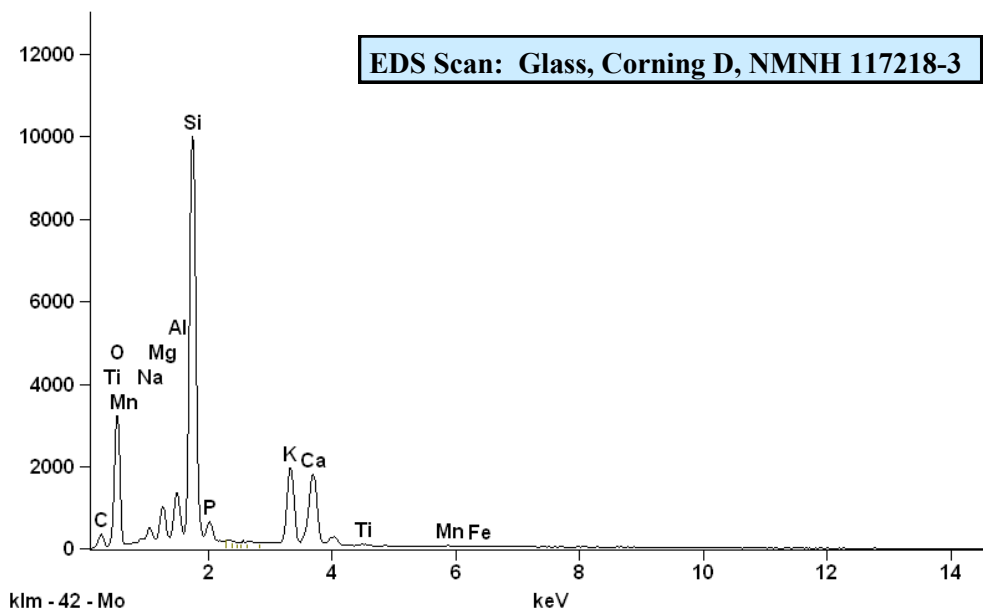
**Size fractions available:**  
 Cubes that can be chipped  
 2.0 mm - 1.0 mm  
 1.0 mm - 0.5 mm  
 0.5 mm - 0.25 mm

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 100.59.



### 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.