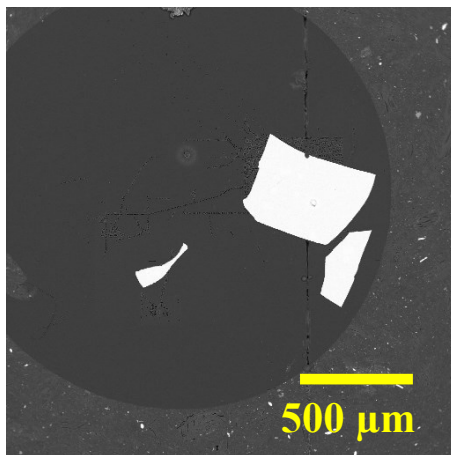


Corning Glass B, NMNH 117218-1

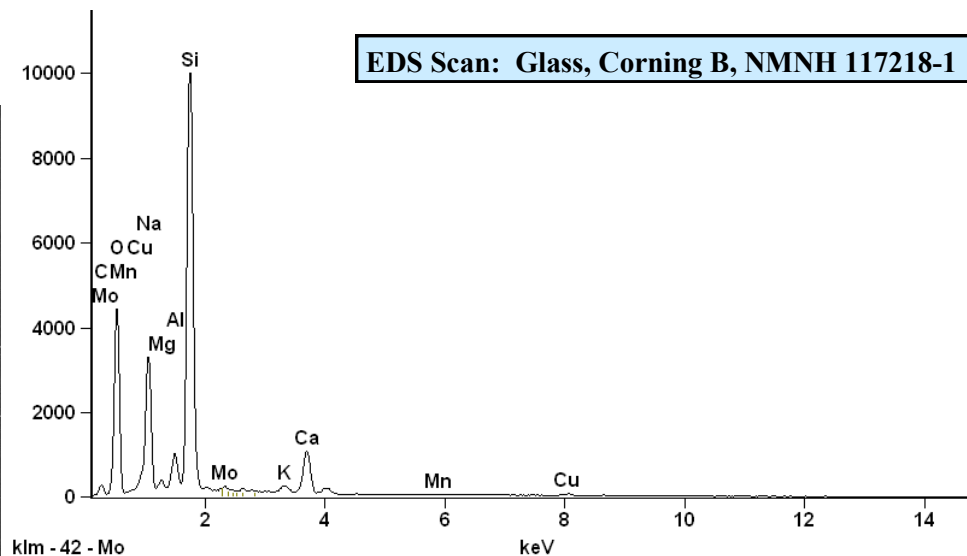
| | | | |
|----------------------------------|-------|----------------------------------|-------|
| SiO ₂ : | 61.55 | SnO ₂ : | 0.04 |
| Al ₂ O ₃ : | 4.36 | SrO: | 0.019 |
| Fe ₂ O ₃ : | 0.34 | ZnO: | 0.19 |
| MgO: | 1.03 | B ₂ O ₃ : | 0.02 |
| CaO: | 8.56 | Li ₂ O: | 0.001 |
| Na ₂ O: | 17.00 | Cl: | 0.20 |
| K ₂ O: | 1.00 | SO ₃ : | 0.50 |
| MnO: | 0.25 | Rb ₂ O: | 0.001 |
| P ₂ O ₅ : | 0.82 | V ₂ O ₅ : | 0.03 |
| TiO ₂ : | 0.089 | Cr ₂ O ₃ : | 0.005 |
| Sb ₂ O ₅ : | 0.46 | NiO: | 0.10 |
| CuO: | 2.66 | ZrO ₂ : | 0.025 |
| PbO: | 0.61 | Ag ₂ O: | 0.01 |
| CoO: | 0.046 | Bi ₂ O ₃ : | 0.005 |
| BaO: | 0.12 | | |

Total 100.04



Analysis: Vicenzi et. al., 2002
Synthetic

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



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.

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 99.87.