Microanalysis Laboratory for Minerals and Materials

Research

- Crust-derived potassic fluid in metamorphic microdiamond
- New mineral identification
- Submicrometer-size mineral inclusions in metamorphic rock

![Micrographs showing (A) the general distribution of nano- to submicrometer-size fluid inclusions, (B) a single inclusion, (C) a pair of inclusions, and (D) a complex inclusion.](image)

![EDX spectrum of (A)](image)

![TEM micrographs showing the evolution of spherical droplets in a large fluid inclusion with an angular boundary.](image)