

Arsenic in Groundwater

Nanoscale mineralogy in New Hampshire

(a) HAADF-STEM image of an alteration rim of an arsenopyrite indicated by the rectangle in Figure 3a. Elemental maps of the major elements are also shown. The gray square shows the area of the elemental mapping. The point analysis by STEM probe was completed at each labeled position (EDX 1–8). All EDX profiles were compiled in b. (c) BE image of a typical inclusion of a uranium oxide. Uranium oxide was partially replaced by an As-bearing alteration phase.

