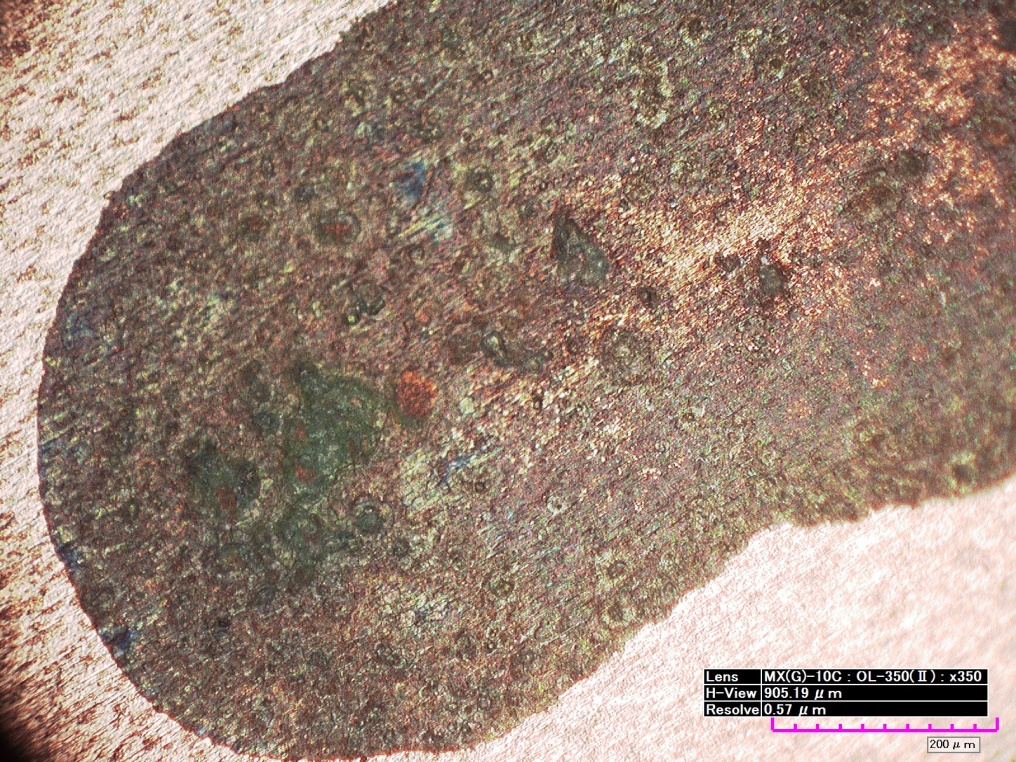
**Detector Foil**

**Characterization Report**

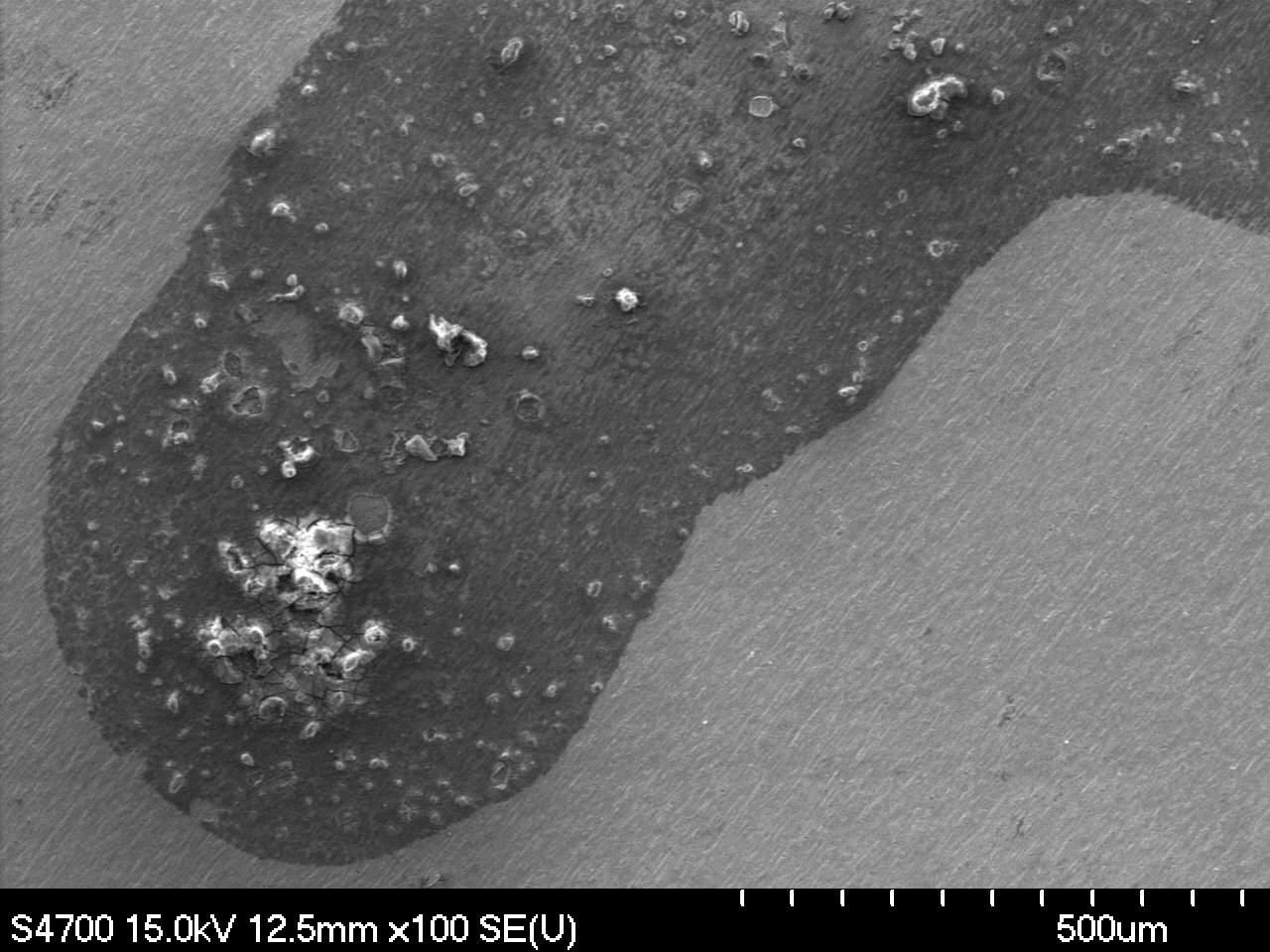
1. Optical imaging

Equipment: Digital optical microscope Hirox

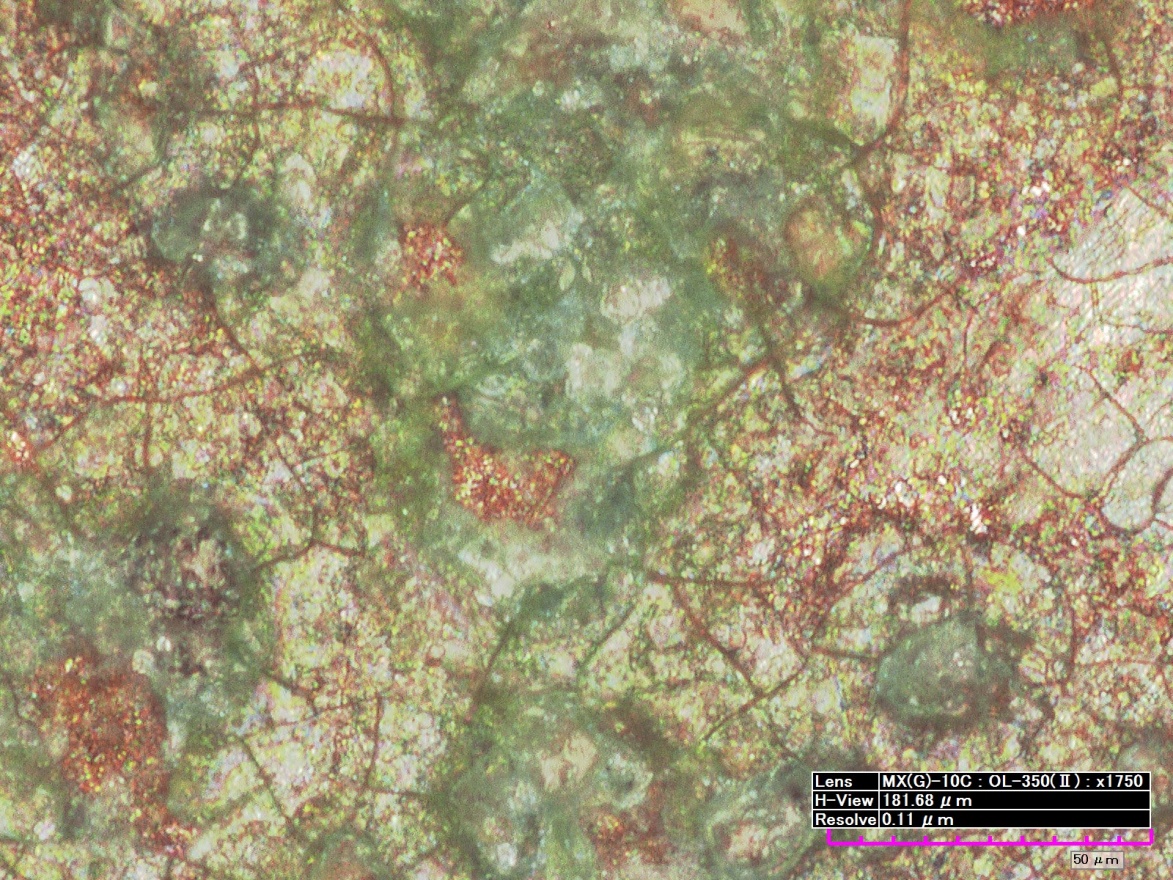
Pic1a. General view. Magnification x350.



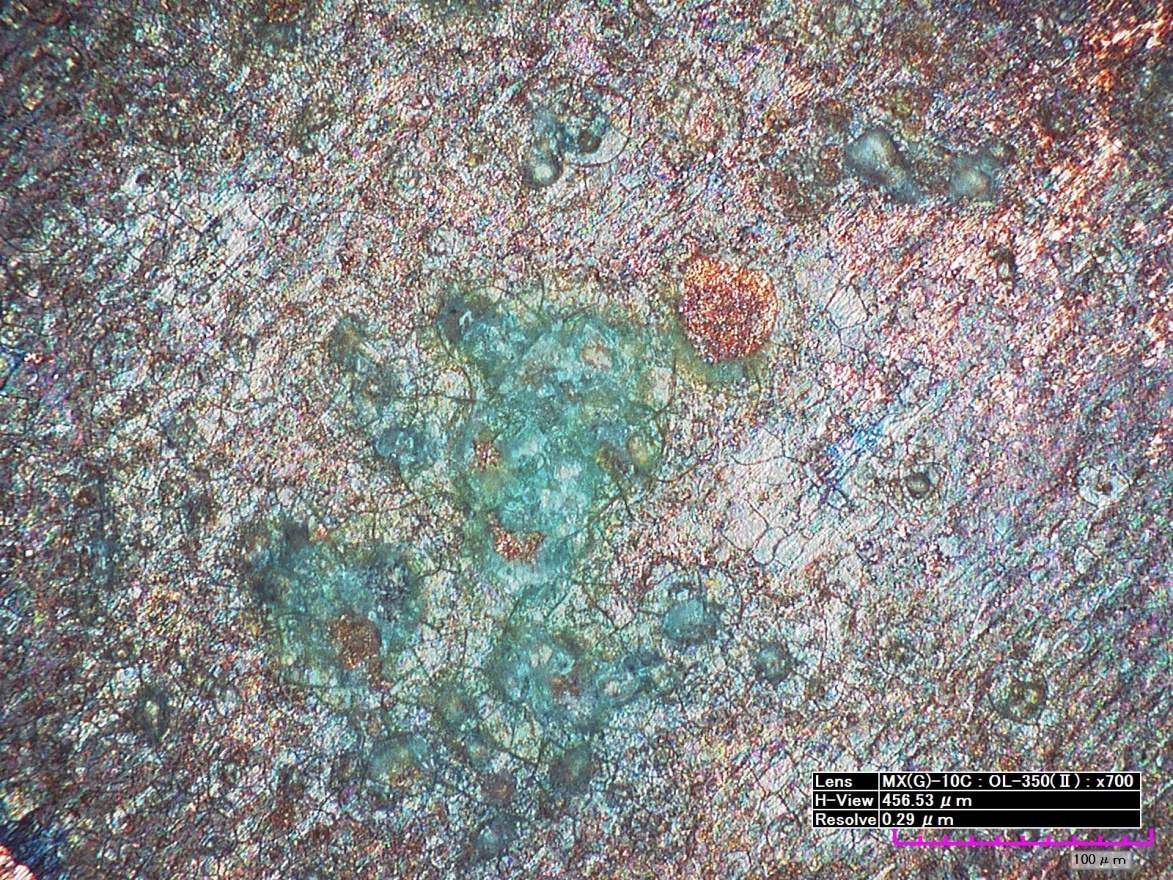
Pic1b. Same area, SEM image at low mag.



Pic2. Optical Hirox

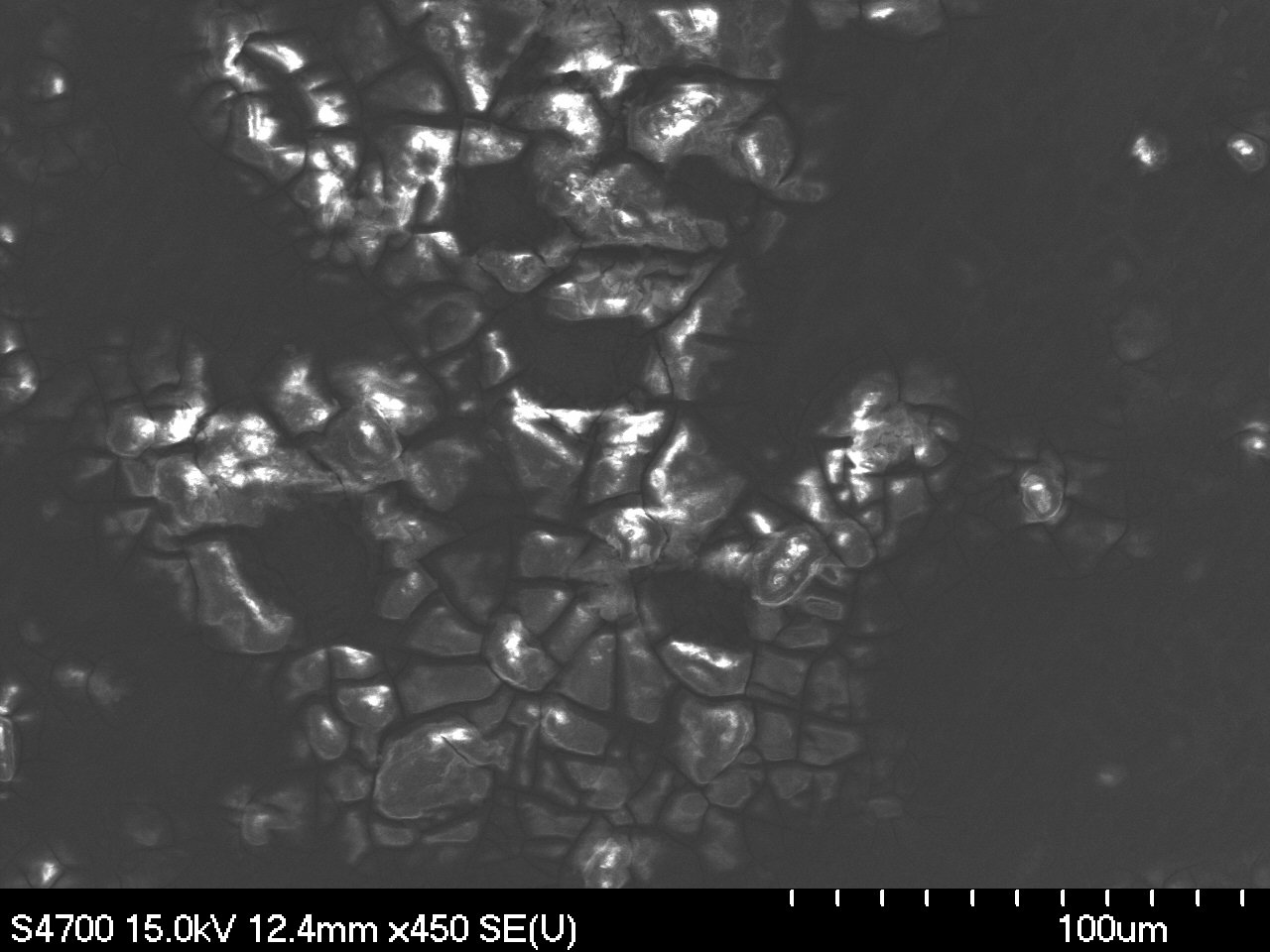


Pic3 Optical Hirox



Electron Microscopy and EDS Analysis

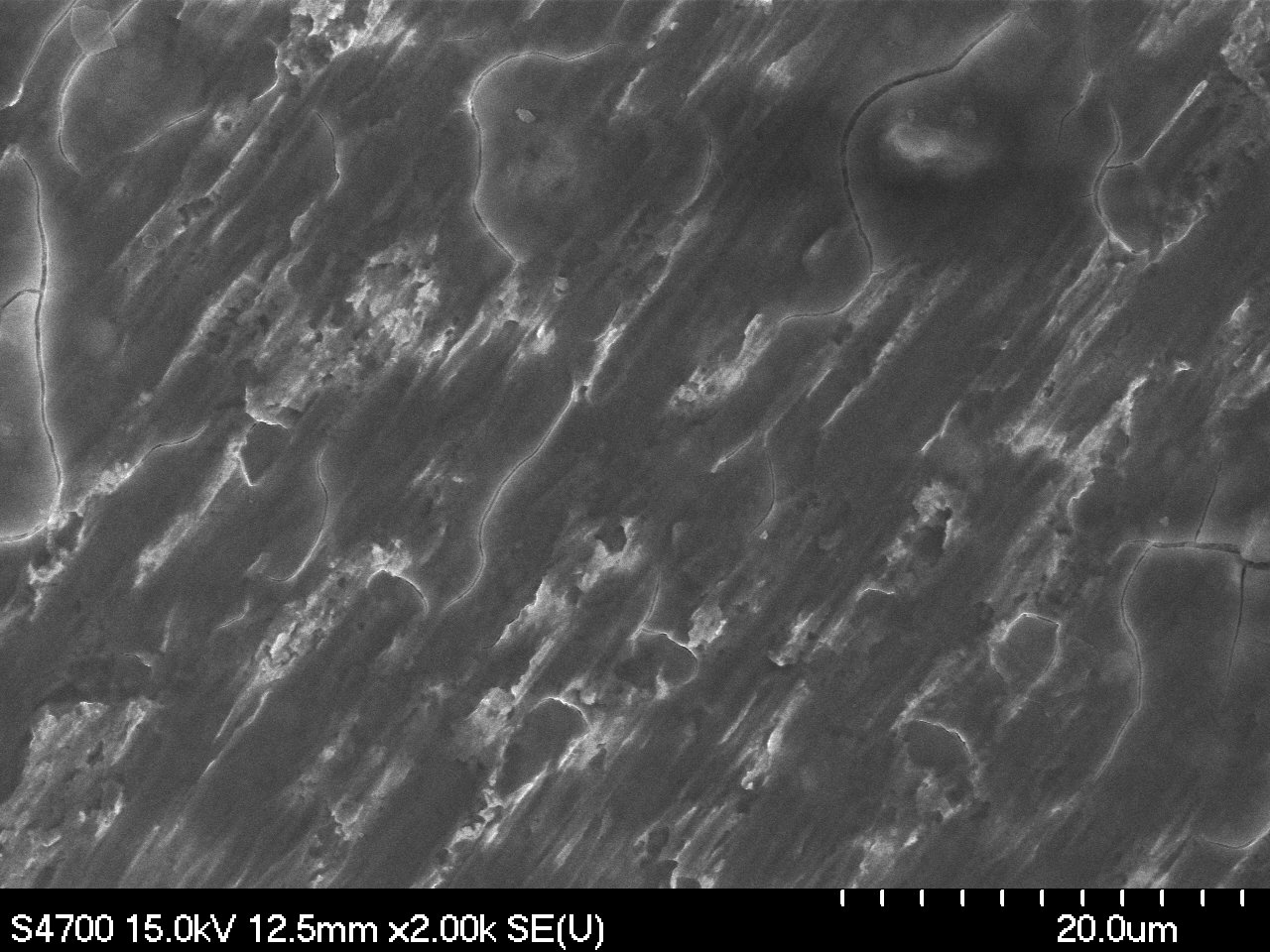
Pic4. SEM image of blue-green “crystals”. Charging reduces image quality.



Pic5. Corresponding EDS spectrum.

sample1-450x-2.tif

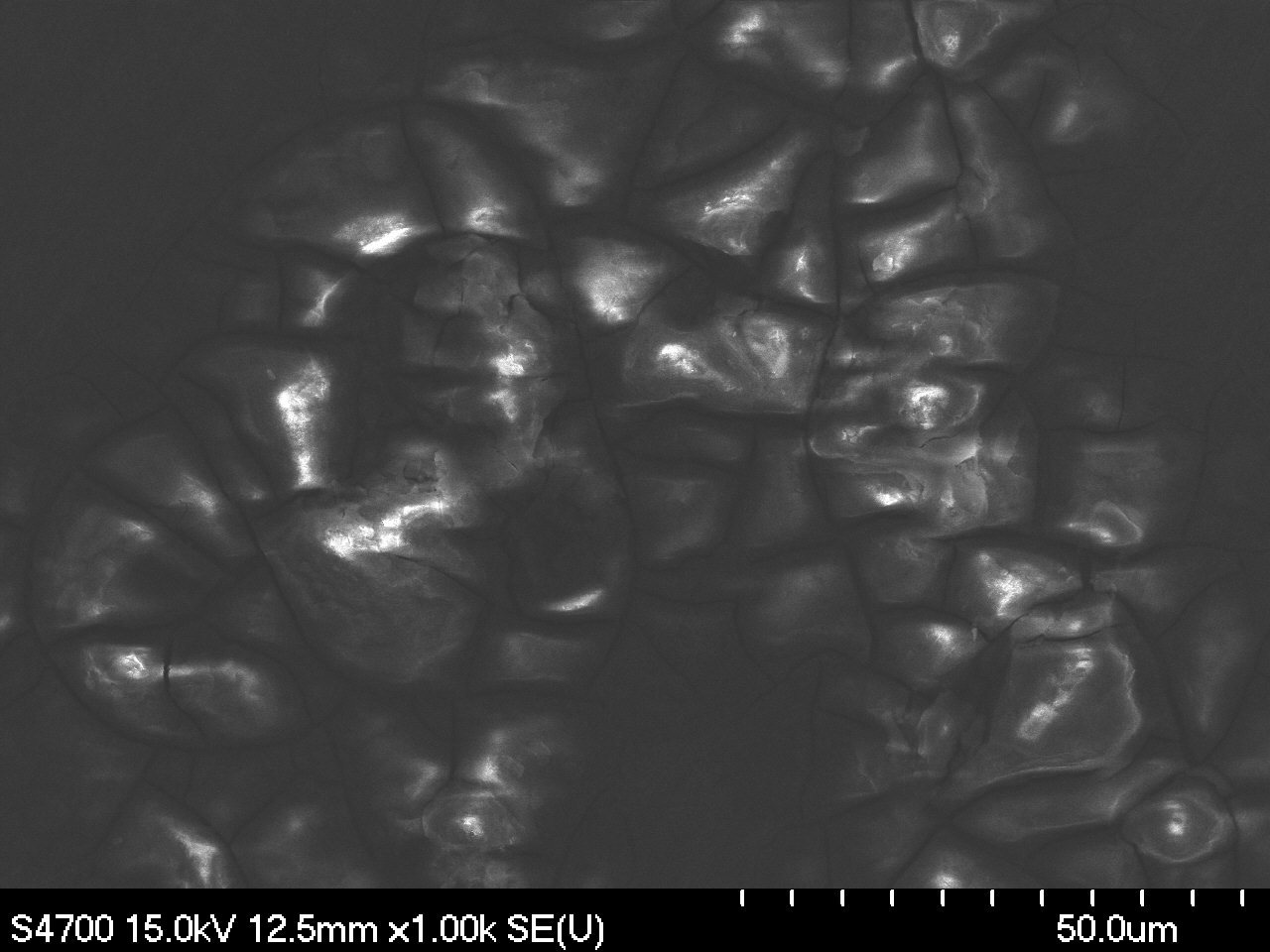
Pic6. Central brown area image of the contaminated spot.



Pic7. Corresponding EDS spectrum.

sample1-2Kx-center.tif

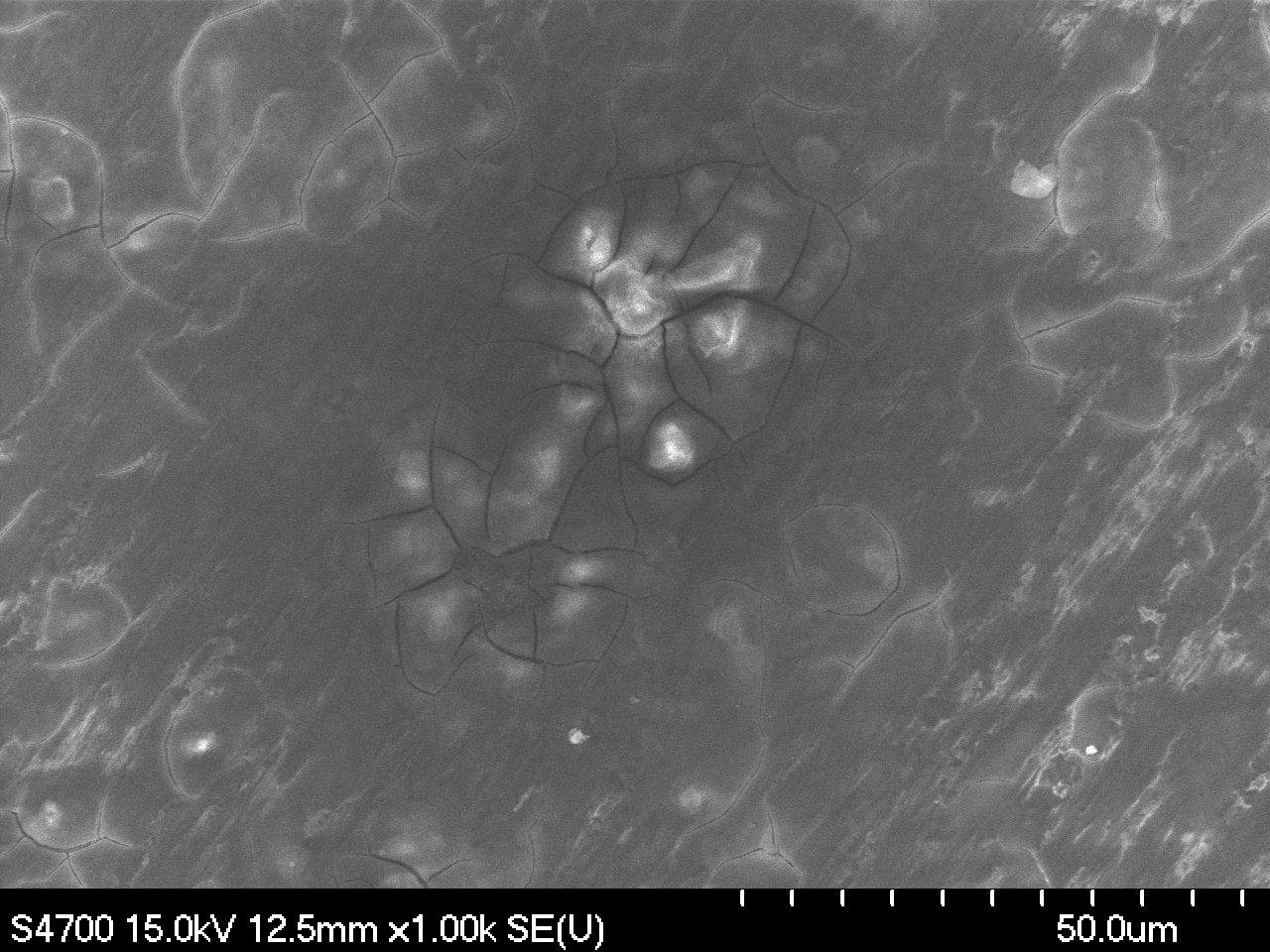
Pic8. Another cluster of blue-green “crystals”.

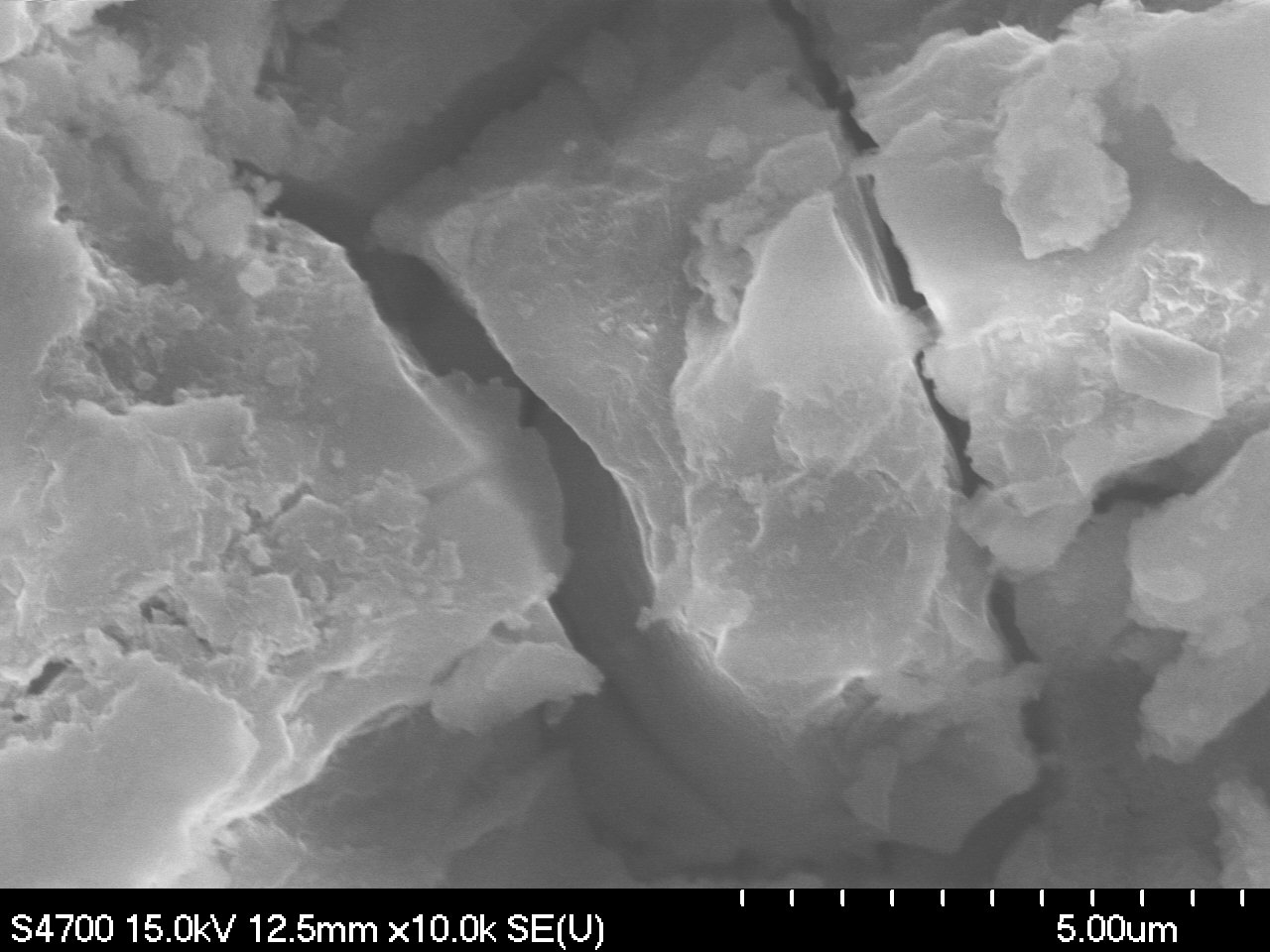


Pic9. Corresponding EDS spectrum.

sample1-1Kx-4-cryst.tif

Pic10&11. Highly charging cluster of separately located “crystals. Low and high mags.





Pic11. Corresponding EDS spectrum taken at high mag (11Kx) directly from the crystal surface.

sample1-11Kx-5.tif