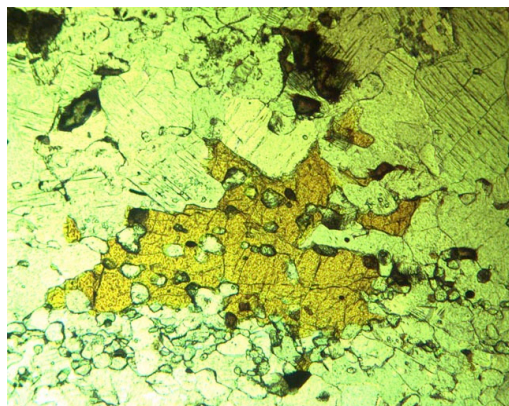
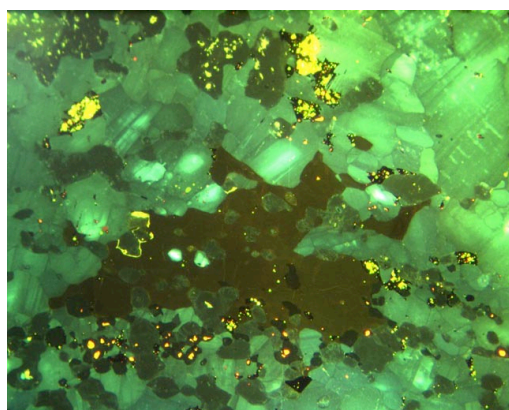


Electron Optic Services



Light Optical Image:
Banded Muirite w/ Sphalerite

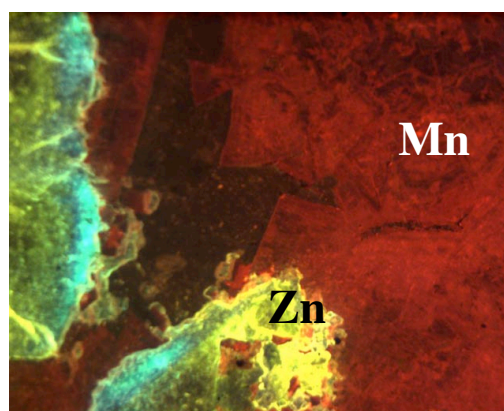


Cathodoluminescence Image:
Banded Muirite w/ Sphalerite

EOS breakthrough in Light Optical Cathodoluminescence (CL) Analysis using a Cold Cathode source.

From Visible Light to Visible Structure

Using a low fluorescence detection camera, interfaced to an integrated image analysis and processing workstation, optical CL technology is taken to a new level. With lower detection limits the boundaries of structure can now be identified with greater clarity. A faster response time for imaging assists in defining true CL features and reduces thermal damage to delicate specimens. Often the technique reveals zones of growth related to very small variations of trace elements in minerals.



Carbonate-hosted Sphalerite Ore

From Visible Light to Visible Spectrum

Using a CL Spectrometer to assist in defining the elemental structure within the sample allows for less setup time and more precise analysis.

The CL Spectrometry system can assist in defining a more comprehensible compositional graph comparison and spectral overlay can be stored and archived. The Spectral Analysis system can also detect CL changes over time, and assist in detailing elemental variations within the sample.

