Course 12.141: Electron Microprobe Analysis – **Problem Set 2**

Problem 2.1: Use wavelength dispersive spectrometry (WDS) to acquire X-ray spectra to identify elements in each phase of the sample provided. Perform semi-quantitive analysis to obtain approximate composition of the phases.

Problem 2.2: Acquire X-ray elemental maps of the polished sample provided with WDS and EDS. Identify the phases and use an image analysis software to find the area percent of each phase.

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