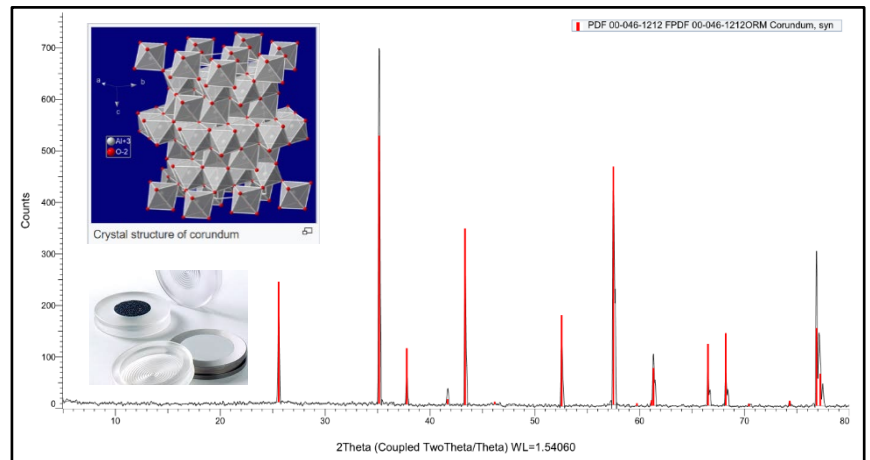
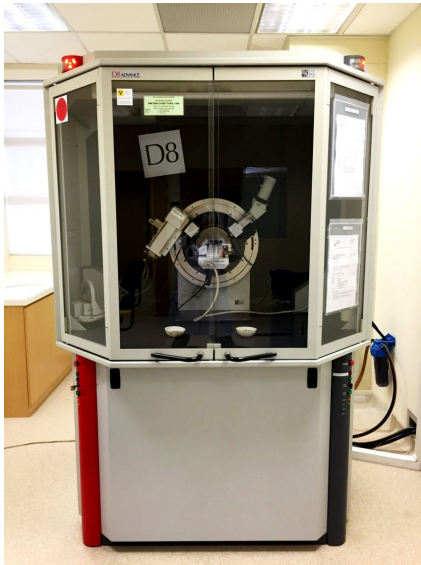


X-ray diffraction (XRD)



The XRD is for examining the physio-chemical make-up of unknown solids. It is used to quantify both the chemical and mineral compositions of materials, such as industrial hazardous waste as well as treated products. It has the ability to perform a full range of applications, from qualitative and quantitative phase identification to crystal structure solution of powder samples, crystallite size determination, micro strain analysis, residual stress analysis, and preferred orientation.

The lab is also equipped with the data analysis software and database i.e. TOPAS, EVA and ICSD.

For enquiries, please contact the staff in-charge: Ms Pearlyn See

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