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Brief Summary

The Albany-Fraser Orogen (AFO) and Eucla basement, on the western margin of the Yilgarn Craton of Western Australia represent relatively under explored crust, which is prospective for a range of mineral systems. Petrochronology is the combined use of uranium-bearing accessory mineral chronology and their trace element signature. It will be used to derive constraint on both timing and geological processes behind mineral systems.

Education: MEarthSci at University of Manchester

Research interests: Geochemistry, geochronology, metamorphism, accessory minerals

Thesis title: Petrochronology of accessory minerals related to metamorphism and fluid-flow events in the Albany-Fraser Orogen and Eucla basement, Western Australia

Supervisors: A/Prof. Chris Clark and A/Prof. Chris Kirkland