

Brodi Coghlan



Expertise

- Geology
- Chemistry
- Chinese Mandarin
- International studies

Qualifications and Memberships

Bachelor of Arts and Science (Distinction), Monash University, 2015

Geology (Science major) / Chinese Mandarin (Arts major)

Chemistry (Science minor) / International studies (Arts minor)

Study abroad program, Shanghai International Studies University, 2013-14

Recipient of Australian Government Asiabound grant for academic merit in Chinese Mandarin, 2013

Sedimentology Short Course (Distinction), Monash University, 2014

Key Project Experience

PBJ & Associates, (2016-Present)

Consultant

- Analysis of rainfall data to determine average recurrence intervals and antecedent precipitation for a regional water authority investigating inflow and infiltration in local sewers
- Investigation, modelling and review of dewatering pump operation
- Investigation of remedial options for faulty roof drainage installation
- Collection and analysis of groundwater level data
- Water reticulation cost analysis for 2018 Price Submission planning
- Review and audit of sewer and water augmentation plans and associated models
- Investigation and review of sensitive site procedures
- Presentation of findings to internal and external stakeholders

Goulburn-Murray Water 2017

Consultant

- Collection and analysis of salinity water samples
- Investigation, audit and review of public groundwater pump condition and operation
- Monitoring and analysis of irrigation channel flows to advise public groundwater pump operation
- Monitoring of observation bore groundwater levels
- Analysis of groundwater conditions to assess water licence applications
- Development of draft project plan for statutory Water Management Plan review

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Specsavers

2012-2016

Optical Assistant

- Provision of expert product advice to patients to enable them to choose the lenses and frames that would be most suitable
- Management of patients sensitive optical and privacy needs, such as Defence Force personnel, veterans, specific private health insurance members, etc.
- Education of customers regarding optical practices such as contact lens tuitions
- Use of optical equipment to perform provisional patient optical health and prescription tests