

Position Title	Technical Officer
Position Number	6000023022
Classification	HEWL 6
Hours per week	36.25
Division	Academy
Directorate or College	Science and Engineering
Reports To	Lecturer, Geochemistry

Contribution to the JCU Community

At JCU we firmly believe that people are our most valuable asset, so we work to grow and diversify the skills, knowledge and capability of all our staff. We live by our values and deliver against our Strategic Intent in an environment that values respect, excellence and delivering a sustainable future for the people of the Tropics.

The **Technical Officer** delivers high-quality and specialised technical support that enables the Isotropics Geochemistry Laboratory and Economic Geology Research Centre (EGRU) to achieve its objectives, ensuring analytical deadlines and project requirements are met.

Key Accountabilities and Deliverables

The Technical Officer will be accountable for:

1. Contributing to the achievement of Isotropics Geochemistry Laboratory and Economic Geology Research Centre (EGRU) project objectives by planning and undertaking analytical work on rock or water samples in a timely manner to meet project deadlines.
2. Supporting positive research and student outcomes through provisions of subject matter expertise, equipment maintenance and servicing, and training; resolve problems through critical thinking, structured and timely fault finding.
3. Delivering high-quality and efficient and timely customer service to key stakeholders ensuring all interactions are professional, customer-focused and achieve measurable outcomes.
4. Supporting positive project outcomes by processing samples from the field in the laboratory, providing appropriate data analysis, reporting and submission of results to stakeholders.
5. Contributing to continual improvement of the service delivery, evaluating customer outcomes and service satisfaction against laboratory and technical support performance objectives, implementing corrective actions as required.
6. Mitigating compliance related risk to the University, adhering to WHS legislation, in the design of contemporary workspaces and project specifications, conducting inductions, and ensuring appropriate signage and standard operating procedures are in place.

Key Requirements for success

1. Degree qualifications in a relevant field or extensive research experience in line with the appropriate Higher Education Worker Level as provided in the [Enterprise Agreement](#).
2. Demonstrated knowledge and understanding of geochemistry, geology, and ore deposit formation.
3. Knowledge of operation of specialised scientific instruments for mineral, trace element and isotopic analyses.
4. Significant organisational, problem solving and administrative skills, with the ability to prioritise and meet competing deadlines, and an established record of exercising judgement and initiative.

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5. Demonstrated well-developed verbal communication and interpersonal skills with proven ability to maintain working relationships, including demonstrated ability to consult and liaise with varying levels of stakeholders to achieve outcomes for the organisation.
6. Demonstrated experience using relevant equipment and techniques to work in a clean laboratory including knowledge of undertaking ion exchange chromatography. (desirable)

Position Dimensions

- It is a requirement of this position to hold a current C' Class Queensland driver's license.
- It is a requirement of this position to undertake domestic or international travel, as required.
- It is a requirement of this position to undertake physical duties in outdoor environments, as required.
- It is a requirement of this position to participate in operational activity outside of the recognised normal span of hours, including infrequent weekend work, in accordance with the [Enterprise Agreement](#).
- Participation in competency and compliance training, as well as adherence to the Enterprise Agreement and [Code of Conduct](#) is required.

About JCU

As Australia's only university established to focus on the issues of Northern Australia and the Tropics worldwide, JCU is dedicated to helping the world's tropical regions to prosper.

Our Values: Excellence | Authenticity | Integrity | Respect

JCU Organisational Structure - [James Cook University](#)

Read more about our commitments to sustainability and reconciliation - [Strategic Direction](#)

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