# Position Description

*Project Scientist*

## Research Projects – CSOF3

The following information is for applicants

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| Advertised Job Title**:** | Project Scientist |
| Job Reference: | 59851 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian Citizens Only  Australian/New Zealand Citizens and Australian Permanent Residents Only   * All Candidates |
| Percentage of Client Focus - Internal: | 20% |
| Percentage of Client Focus - External: | 80% |
| Reports to the: | Team Leader-Base Metals |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries | Keith Barnard – Email: Keith.Barnard@csiro.au |
| Contact Details For Applying | Call 1300 984 220 or email [careers.online@csiro.au](mailto:careers.online@csiro.au). |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon |

## Role Overview:

Research Projects staff in CSIRO collaborates in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work. This position provides experimental and technical support to project leaders and project teams working on industry sponsored hydrometallurgical processing research and development activities. The role requires someone to also be deployed into various hydrometallurgical-based projects (possibly concurrently) as needed.

## Duties and Key Result Areas:

* Respond courteously and efficiently to client requests, maintaining clear communication regarding mutual expectations and monitoring client satisfaction
* Safely undertake experiments, laboratory analyses or technology development activities (some non-routine) using a range of techniques, often working on a number of parallel and competing tasks, both independently and as part of a team
* Results interpretation and report writing
* Be responsible for undertaking ICP-OES analysis (including results processing) as and when needed by the Research Team
* Be available for shiftwork as and when required
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals
* Co-ordinating, producing and maintaining systems documentation, technical specifications and architectural documentation as appropriate.

## Competencies:

1. **Teamwork and Collaboration: Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.**
2. **Influence and Communication: Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.**
3. **Resource Management/Leadership: Provides instruction and assists other staff to complete allocated tasks and activities.**
4. **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **Adaptability:** Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## Selection Criteria:

*Under CSIRO policy only those who meet all selection criteria can be appointed.*

1. Relevant trade certificate/diploma/bachelor’s degree or relevant work experience in Chemistry.
2. Over five years of experience in the hydrometallurgical research environment, with an emphasis on leaching and geometallurgy.
3. Experience with operating analytical instrumentation including ICP-OES, AAS, UV-visible, auto-titrator, SEM, QEMSCAN and TG-DTA.
4. Proven, client-focussed engagement skill and capabilities.
5. Willingness and ability to support pilot-/demonstration-scale continuous processing projects, including shiftwork as needed.
6. Proven competency in Microsoft Office suite, particularly Word, Excel and Powerpoint.

## Desirable Criteria:

1. Past experience with shift work on pilot plant operations

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Find out more about CSIRO [Mineral Resources](https://www.csiro.au/en/Research/MRF)