

Senior Research Fellow/Research Officer –DEEP EARTH MINING PROGRAM

- Leading international institution
- Address needs of the global mining industry
- Live and work in a major Australian city

The Sustainable Minerals Institute (SMI), University of Queensland, is expanding its range of research activities in Deep Earth Mining Engineering and Predictive Deposit Knowledge via a new position in the institute.

The Deep Earth Mining Program and associated research projects are based in the W.H.Bryan Mining & Geology Research Centre (BRC). The BRC undertakes world-class research directed at reducing geological and mining risk in three areas of research **Deep Earth Mining** - directed at better managing engineering risks encountered in deep mining frontiers; **Value Engineering**— aimed at achieving greater effectiveness in current mine operations; and **Minerals Strategy**— engaged in maximising both opportunity for resource recovery and wealth preservation as part of future mining. The SMI is seeking a Research Academic/Senior Research Academic to participate in a multidisciplinary research group working at the leading edge of innovation in mine design. Depending on the experience of the successful applicant this role will entail leading, planning and/or implementing world-class research projects. Supervision of postgraduate students may also be required, and applicants with teaching experience are requested to submit a teaching portfolio as part of their application.

The successful applicant will ideally have:

- A PhD or Master in geoscience and experience in using geophysics to address geological and engineering issues relevant to the minerals industry
- Expertise in the acquisition and quantitative interpretation (including constrained inversion) of downhole and cross hole geophysical methods.
- Experience in processing and interpretation of geophysical datasets.
- Significant experience in the use of geophysical and 3D software.
- Demonstrated achievement in applied geophysics with a record of publication.

Applicants with experience in other areas of geophysics or with high-level numeracy skills and background in physics, applied mathematics, computer science or engineering and an interest in mining geophysics are also strongly encouraged to apply.

Remuneration.

This will be a full-time appointment at Academic Research Level B or C (Senior Research Officer or Research Fellow) for a fixed-term of two years in the first instance. The

remuneration package will be in the range \$85850 - \$97830 including employer superannuation contributions of 17%. In addition, a salary loading may be paid depending on the qualifications and experience.

If needed the BRC will apply for visa sponsorship and assist in relocation costs to Brisbane.

Applications need to be submitted in english to Professor Margaretha Scott, W.H. Bryan Mining and Geology Research Centre. Email: margaretha.scott@uq.edu.au

To view position description:

<http://www.brc.uq.edu.au/OurCapabilities/ProspectiveResearchPositions.aspx>