



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Assistant, School of Earth and Environment, Faculty of Environment



Salary: Grade 6 (£27,025 – £32,236 p.a.) Due to funding limitations the post can only be appointed at no higher than spine point 27 (£30,395 p.a.)

Reference: ENVEE1341

Closing date: 24 June 2019

Fixed-term for 7 months due to external funding

This post is open to job share and flexible working

Research Assistant in Gold Characterization, School of Earth and Environment, Faculty of Environment

Are you a recent graduate/post graduate aiming to work in the minerals exploration sector? Do you have the experience, skills and drive to contribute to novel research into gold mineralization in British Columbia? This project is funded by 'Geosciences BC' and provides an excellent platform for networking and finding future employment in this sector.

The Ores and Mineralization Group in the School of Earth and Environment has gained research funding from Geoscience BC, Canada to compile an Atlas of gold compositions in the Province. The aim of the project is to provide a database which forms a novel resource for future gold and copper exploration. The funding includes a 7 month fixed term post for a research assistant to undertake the analytical component of the project and contribute to project development.

You will have a demonstrable interest in economic geology, evidenced by experiences in your undergraduate, postgraduate or industrial background and will be seeking to further your career in this sector. The role provides an unrivalled opportunity to gain develop a detailed understanding of gold – bearing mineralization in British Columbia, currently an area of active exploration. You will gain experience of writing interim project reports and will present a poster at the Vancouver Exploration Roundup at the end of your term. Attendance at this conference provides a superb platform for networking in an industry in which you will have unique expertise.

What does the role entail?

As a Research Assistant, your main duties will include:

- Becoming a proficient user of both SEM and EMP for the analysis of natural gold and associated minerals;
- Being proficient to operating LA-ICP-MS systems;
- Responsibility for collating databases of new and existing analytical results in the approved format;
- Contributing to the interrogation of these databases, and contributing to the generation of new ideas flowing from the research;
- Production of interim reports for Geoscience BC and contribution to a poster presentation;



- Attendance at the Vancouver Exploration Roundup January 2020; (fully funded) to present the project poster;
- Working both independently and contributing to the ongoing activities of the Ores and Mineralization Group;
- Contributing to the research culture of the School, where appropriate;
- Continually updating your knowledge, understanding and skills in the research field.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Assistant you will have:

- A Degree or Master's Degree in Geology or Geological Sciences;
- A demonstrable interest in economic geology and in developing your career in this section;
- An intention to develop your career in this sector;
- A detailed and methodical approach to your work to ensure quality assurance/quality control in all aspects of generating large databases from new and existing information;
- Good interpersonal and communication skills, both written and verbal and the ability to communicate effectively with a wide range of stakeholders;
- Well-developed analytical skills;
- Excellent computer skills, including knowledge of Microsoft Office (Word, Outlook, Excel, Access and PowerPoint), knowledge of graphical design software (e.g. Adobe Illustrator and Photoshop or CorelDraw), knowledge of software for navigating and collating information from the internet; knowledge of GIS platforms such as Arc;
- Good time management and planning skills, with the ability to meet tight deadlines;
- A proven ability to work well both individually and in a team;
- The ability and willingness to travel to Vancouver Exploration Roundup;
- The ability to work unsupervised and to use your own initiative.



You may also have:

- Previous experience of using SEM, EMP or LA-ICP-MS;
- Previous experience of logas software;
- Experience of contributing to the writing of papers for publication;
- Prior experience of British Columbia.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

[Dr Rob Chapman](#), Senior Lecturer in Mineral Exploration

Telephone: +44 (0)113 343 3190

Email: r.j.chapman@leeds.ac.uk

Additional information

Find out more about the [Faculty of Environment](#).

Find out more about our [School](#).

Find out more about our [Research and associated facilities](#)

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.



Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

