



Stable Isotope Technician

UKRI – NERC – BGS

Keyworth, Nottingham

£24,435 to £30,544 per annum (depending on qualifications and experience)

Full-Time – 37 hours a week

Fixed Term Appointment (3 years)

About us

The British Geological Survey (BGS) is an applied geoscience research centre that is housed in UK Research and Innovation (UKRI) and affiliated to the Natural Environment Research Council (NERC). It is a world leading geological survey that provides a core science mission to inform government of science related to the subsurface and its interfaces and also undertakes applied research for solutions to earth and environmental processes, both in the UK and globally. It is funded directly by UKRI as well as through research grants and via private sector contracts.

BGS has an annual budget of approximately £60 million and employs 650 people. It has two main sites, a head office in Keyworth near Nottingham and the Lyell Centre, which is a joint collaboration with Heriot Watt University in Edinburgh. BGS works with more than 150 private sector organisations as well as having close links with 40 universities and sponsors approximately 100 PhD students each year.

BGS is seeking to appoint a highly motivated Stable Isotope Technician to join the NERC Isotope Geosciences Laboratory at our headquarters in Keyworth in Nottingham.

About the role

With a passion for geochemistry, your work will include:

- Being fully involved with the analysis of carbon and oxygen isotopes in environmental science research using mass spectrometry.
- Preparation of carbonates/organics ready for isotope extraction methods, mainly wet chemistry, filtering, sieving and picking – this will also involve high precision weighing.
- Data calculations and formulation ready for interpretation.
- Write procedures and undertake experiments to improve processes.
- Being fully compliant with health and safety, risk assessments and COSHH requirements for the laboratory.
- Laboratory administration including ordering.

About you

If you have many of the skills and experience set out below and in the attached specific key skills criteria and you want to work for a forward-thinking environmental science institute, then we would be very interested to hear from you.

- Highly motivated and technically competent.



- BSc science degree and science A-level qualifications.
- Demonstrable knowledge and experience in geochemistry, analytical equipment and mass spectrometry.
- An enthusiastic learner able to pick up new skills quickly.
- Ability to work equally well in multi-disciplinary teams and independently.
- Excellent communication skills both written and oral.

What we offer

A generous benefits package is also offered, including a very competitive pension scheme, childcare salary sacrifice scheme, 30 days annual leave plus bank holidays. Please note that any internal BGS staff applying for this post would, if successful, be appointed to new UKRI Terms and Conditions.

How to Apply

Applicants are required to include a cover letter outlining their suitability for this role. We would stress the importance of this paperwork in our selection process. **A well thought through application addressing the advertised essential and desirable criteria for the post will be considered far more favourably than a generic covering letter and CV.**

Applications are being handled by UK Shared Business Services, to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc245890_8436.aspx

Applicants who are unable to apply online should contact us by telephone on +44 (0)1793 867000.

Closing date for receipt of applications is **10 August 2018**.

BGS provides a range of flexible working options including flexible working patterns, compressed hours and home working so if you have a need for flexibility, please raise this in the recruitment process when your needs, balanced with the requirements of the role, will be fully considered.

UKRI values diversity and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. There is a guaranteed Interview scheme for suitable candidates with disabilities.

The British Geological Survey is an Investors in People organisation and has achieved Bronze status for Athena SWAN – a scheme that recognises an organisation's commitment and progress in developing a diverse and inclusive workforce.





Specific Skills Criteria

	<i>Essential</i>	<i>Desirable</i>
QUALIFICATIONS	<ul style="list-style-type: none"> • Good Degree in either Chemistry, Physics or Environmental Sciences • A-levels in science subjects 	
EXPERIENCE	<ul style="list-style-type: none"> • Project management experience • Has worked unsupervised and as part of a team • Proven organisational abilities • Experience with analytical equipment • Worked under Health & Safety regulations 	
KNOWLEDGE	<ul style="list-style-type: none"> • Knowledge/interest in geochemistry, analytical equipment and mass spectrometry • Good working knowledge of and experience of using Microsoft Office 	
SKILLS & ABILITIES	<ul style="list-style-type: none"> • Effective written communication skills and ability to write up scientific experiments and procedures • Effective oral communication skills • Ability to work unsupervised • Good attention to detail • Ability to prioritise work and meet tight deadlines • Ability to work within a variety of teams and participate as a team member • Flexible approach • Ability to train students • Ability to adapt to changing priorities 	
PERSONAL QUALITIES	<ul style="list-style-type: none"> • Approachable • Alignment to BGS core values 	
MOTIVATION	<ul style="list-style-type: none"> • Demonstrates an interest in the work of BGS and UKRI • Displays enthusiasm for their science/role and a desire to develop this further • Demonstrates curiosity and a drive to resolve scientific problems • Demonstrates an interest in their own Continuous Professional Development 	

