

Department of State Growth

Statement of Duties

Position Title:	Technical Officer, HyLogger Technician
Position number:	372958
Award/Agreement:	Tasmanian State Service Award
Classification level:	General Stream Band 3
Division/branch/section:	Mineral Resources Tasmania/ Scientific Services
Location:	Mornington
Supervisor:	Core Library Manager

Position Objective

Accurately obtain and transmit infrared spectra data from drill core, as part of an ongoing project to obtain mineralogical data to increase the effectiveness of, and attract new investment in, mineral exploration in Tasmania.

Major Duties

- Operate the HyLogger infrared spectrometer on drill core with an emphasis on thorough cleaning of drill core to ensure collection of high quality spectra.
- Maintain operational condition of instrument through an appropriate cleaning regime and use of liquid nitrogen as required.
- Complete standard mineralogical interpretations using The Spectral Geologist software and contribute to developing improved interpretations.
- Archive raw data and store processed results on network drives and update workflow database and file systems.
- Maintain data on workflow scheduling and progress against work plan provided by a Supervisor.
- Move core with appropriate assistance as required according to established occupational health and safety practice.

Scope of Work: (Responsibility, Decision-Making and Direction Received)

The occupant of this position will be under the general supervision of the Core Library Manager, but the prioritisation and execution of hylogging activities will be under the direction of a Senior

Geologist. The occupant will be responsible for following Work, Health and Safety procedures and processes in their daily tasks and to effectively and efficiently carry out the duties of the position.

Some of the work is in a warehouse style environment at the Mornington Core Library, which is a non-air conditioned facility that is potentially noisy and dusty, requiring daily use of personal protective equipment that is provided, while work on the infrared spectra equipment is in a purpose built, air conditioned room. Regular movement between the Mornington Core Library site and the Rosny Park offices will be required.

Selection Criteria (Knowledge and Skills):

1. Demonstrated experience in operating instrumental equipment with the capacity to learn new laboratory procedures and scientific methods.
2. Proven experience in effectively working on routine tasks and maintenance, with good attention to detail.
3. Ability to apply Work, Health and Safety regulations and safe handling techniques.
4. Experience and/or the ability to learn and operate new software applications.
5. Good interpersonal and communication skills and the ability to work with limited supervision.

Position Requirements

Pre-employment

- Nil

Essential

- A person is to provide evidence that they are vaccinated against COVID-19 or have an approved exemption.

A person is vaccinated against COVID-19 if the person has received all of the doses of a vaccine for COVID-19, necessary for the person to be issued with a vaccination certificate in respect of COVID-19 by the Australian Immunisation Register, or an equivalent document from a jurisdiction outside of Australia.

A person may be granted an exemption from the requirement to be vaccinated against the disease where the person demonstrates –

- I. Medical contraindication

A person is unable to be vaccinated against the disease due to a medical contraindication if they:

- a) provide evidence in a form provided and accepted by the Head of Agency from a medical practitioner (as defined by the Australian Immunisation Register as a medical practitioner who can grant a medical exemption) which certifies that the person has a medical contraindication that prevents them from being vaccinated against the disease.

Or

- b) have a medical exemption, that applies to the vaccinations for the disease, that has been recorded on the Australian Immunisation Register, operated by or on behalf of the Commonwealth Government.
2. Exceptional circumstances demonstrated to the satisfaction of the Head of Agency.

The person must continue to satisfy the above essential requirements/qualifications throughout their employment in this role.

Desirable

- A Certificate IV from a recognised tertiary institution, or an equivalent qualification, appropriate to the nature of the work.
- A willingness to undertake further studies in the field of geology. Ongoing learning will be required associated with a planned future instrumental upgrade.
- Past experience in obtaining spectral data from rock or mineral specimens.

Working at State Growth

The Department of State Growth works to grow our economy and provide opportunities for all Tasmanians. We provide support and strategy advice in relation to key economic drivers including energy, industry sectors, resources, regulation and infrastructure. We support the delivery of a range of public services and have a strong focus on investment attraction and the development of innovative strategies that drive state growth.

The [department's website \(http://www.stategrowth.tas.gov.au/\)](http://www.stategrowth.tas.gov.au/) provides more information.

Our department is a diverse, inclusive and flexible workplace that enables our people to contribute to their full potential. We value the diverse backgrounds, skills and contributions of all employees and treat each other and our clients with respect.

State Growth is a values-based organisation. Our aim is to attract, recruit and retain people who will uphold our values and are committed to building a strong values based culture. Our values and behaviours reflect what we consider to be important, that is

Our people who are at the heart of the organisation; *our decisions* which are based on sound principles; and *our clients* who are at the centre of what we do.

We have the **Courage to Make a Difference** through:

- **Teamwork** – our teams are diverse, caring and productive
- **Respect** – we are fair, trusting and appreciative
- **Excellence** – we take pride in our work and encourage new ideas to deliver public value
- **Integrity** – we are ethical and accountable in all we do

We are committed to high standards of performance relating to Workplace Health and Safety and all employees are expected to participate in maintaining safe working conditions and practices. State Growth has zero tolerance to violence, including violence against women and any form of family violence. We will take an active role to support employees and their families by providing a workplace that promotes their safety and provides the flexibility to support employees to live free from violence.

All employees are responsible for ensuring that the standards of behaviour and conduct specified in the State Service Principles and Code of Conduct are adhered to (*State Service Act 2000*). These can be located at State Service Management Office (www.dpac.tas.gov.au/divisions/ssmo)

People and Culture to complete

Approved [Chief Government Geologist **Date** [May 2022]

Classification approved [April 2020]
