



Senior Geoscientist - Specified Calling L3 (MP100010)

Group:	<i>Resource and Environmental Regulation</i>	Location:	<i>East Perth - Mineral House</i>
Division/Directorate:	<i>Geoscience</i>	Supervises:	<i>0</i>
Branch:	<i>Energy Systems and Geological Storage</i>	Reports to:	<i>Manager Geological Storage and Geothermal Systems</i>
Section:	<i>Geological Storage and Geothermal Systems</i>		

Operational Context

Within the Resource and Environmental Regulation Group, the Geological Survey and Resource Strategy Division (GSRSD) is responsible for the facilitation of investment through the provision of geoscience data and products and for setting strategic resource policy. The division manages the Abandoned Mines Team and the Exploration Incentive Scheme. The division also provides information and products to support the approval of mining tenements and petroleum titles and other related legislative compliance processes.

Role Overview

The Energy Systems and Geological Storage Branch is responsible for the acquisition, analysis, drafting and publication of pre-competitive geoscience reports, maps and digital datasets relevant to energy systems (e.g. hydrocarbons, hydrogen, geothermal) and geological storage (e.g. carbon sequestration, hydrogen and compressed air energy storage). This position undertakes geoscience studies and compiles and edits geoscience data for publication of quality maps, reports and data sets under limited direction

Building Leadership Impact as a Leader of Others

We believe that all our people are leaders and expect and encourage them to demonstrate leadership in their roles. Leadership in this position is about delivering high-quality work as a specialist in their domain of expertise, balanced with a focus on training, motivating and enabling others.

Role Responsibilities

The following outlines the key responsibilities and duties related to this position:

- Undertakes geoscience studies with an emphasis on basin studies, seismic geophysics and the modelling of petroleum systems.
 - Compiles, interprets and prepares geoscience datasets for publication as high-quality maps, reports, and digital products, with limited direction and supervision.
 - Provides specialist professional expertise contributing to the design, planning, and delivery of geoscience projects, including associated field programs where required.
 - Maintains and applies contemporary knowledge related to seismic interpretation, geophysical methods (gravity, magnetics), basin modelling, 3D geoscience, and the integration and validation of associated datasets.
 - Drives the formulation and establishment of new and improved energy geoscience data quality assurance and data validation processes.
 - Assists in the technical development and mentoring of less experienced staff and contributes to the geoscience development and training of other staff as required.
 - Liaises and collaborates at a professional level with internal and external stakeholders, including other government agencies, academia, professional organisations and presenting results of work as required.
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Corporate Responsibilities

The following outlines departmental responsibilities:

- Acts ethically and supports others to do the same, in line with the departments Values and the Code of Conduct.
 - Takes reasonable care to protect your own safety, health and wellbeing at work, and that of others by co-operating with the safety and health policies and procedures of the department and complying with all applicable work health and safety laws.
 - Performs other duties as directed.
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Role Specific Requirements

The following outlines what experience and qualifications are required to undertake this role:

- Bachelor of Science Degree in geoscience with an emphasis in basin studies, seismic geophysics and petroleum systems.
- Post graduate qualifications in petroleum/energy geoscience and industry experience in petroleum exploration would be an advantage.
- Demonstrated experience in undertaking petroleum geoscience studies with an emphasis on seismic interpretation and/or basin modelling in Phanerozoic and Precambrian sedimentary basins.
- Demonstrated ability to author comprehensive technical reports, datasets and maps at publication standard.
- Demonstrated ability to manage and use for purposes of geoscientific studies, high level seismic and well-log interpretation software.
- Knowledge of GIS or 3D geomodelling software and experience with SMT Kingdom Suite, Petrel, Petrosys SMT, Kingdom Suite, GoCAD and WellCad or similar software products would be an advantage.

Expected Leadership Behaviours

While it is expected that the occupant will demonstrate all leadership behaviours of a [Leader of Others - Knowledge](#), the following outlines those that are required to undertake this role:

- **Lead Collectively** - You understand how your work and that of your team contribute to achieving agency outcomes and fit in the sector.
 - **Think Through Complexity** - You draw on information from an array of sources, applying your judgement and technical expertise to identify what is relevant and important.
 - **Dynamically Sense The Environment** - You approach your team, colleagues and work environment with a positive and open mind, acknowledging that your approach may not be the only effective approach.
 - **Deliver on High Leverage Areas** - You identify and understand the competing priorities of your work area, prioritising essential tasks and making adjustments as appropriate.
 - **Build Capability** - You understand your role as a leader in fostering a healthy workplace across your team or work area that aligns with creating a positive culture in the sector.
 - **Embody The Spirit of Public Service** - You embody the spirit of public service by displaying empathy and compassion, integrity and humility.
 - **Lead Adaptively** - You are continually learning and adapting your personal style and approach to be effective in the changing work environment.
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This position reports to:

Manager Geological Storage and Geothermal Systems

Position No: MIS22163 Classification: SCL4

Positions reporting to this Role:

This position has no direct reports

Position Conditions:

The following outlines pre-employment assessments and ongoing conditions and requirements:

- High integrity required for conflicts of interest
- Nationally Coordinated Criminal History Check
- Medical Check
- Current Western Australian C or C-A class drivers licence or equivalent

Approved Date

07-MAY-2026