



## **Chief Seismologist - WA Array - Specified Calling L5 (MPE26087)**

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<b>Group:</b>	<i>Resource and Environmental Regulation</i>	<b>Location:</b>	<i>East Perth - Mineral House</i>
<b>Division/Directorate:</b>	<i>Geoscience</i>	<b>Supervises:</b>	<i>0</i>
<b>Branch:</b>	<i>Earth Imaging and Observation</i>	<b>Reports to:</b>	<i>Manager Earth Imaging and Observation</i>
<b>Section:</b>	<i>Active Seismic and Airborne Surveys</i>		

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### **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.

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### **Role Overview**

This position undertakes project-based natural-source seismology studies with a focus on the WA Array project, integrating geophysical and geological datasets and the position will compile quality, comprehensive reports, maps and models to publication standard. In addition, the role processes and assists in the interpretation of geophysical datasets using industry-standard software and assists in the integration of seismology into Geological Survey activities, processes, databases and products.

### **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.

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### **Role Responsibilities**

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

- Provides scientific and strategic leadership in the formulation, planning and execution of project-based seismological studies across Western Australia and compiles quality comprehensive reports, maps and models to publication standard.
  - Leads and manages the processing of seismological datasets and the generation of high-quality geophysical models and datasets.
  - Leads the interpretation and integration of seismological datasets into whole of crust- and lithosphere-scale models.
  - Leads the integration of seismological results and models into other geoscience products within the division.
  - Maintains up-to-date knowledge related to geophysics and seismology and assists in the formulation and establishment of new and improved processes.
  - Provides geophysical advice including communicating geoscientific results to both internal and external stakeholders, and participates in peer review of GSWA products and services.
  - Leads staff training and development and provides technical leadership to less experienced staff and collaborating parties.
  - Collaborates with academic institutions on major geoscientific research projects in Western Australia.
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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 (Geophysics) or approved equivalent degree.
- Proven experience in the acquisition, processing and interpretation of natural-source seismological data and a demonstrated ability to compile quality comprehensive reports, maps and models to publication standard.
- Proven experience in processing and interpreting seismological data for crustal and lithospheric imaging, local seismicity and seismic hazard monitoring.
- Postgraduate qualification in geophysics and work experience in the mineral exploration industry and/or government organisations would be an advantage.
- National or international recognition for their contribution to Geoscience and the understanding of the geoscience of Western Australia would be highly regarded.

### **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 Adaptively** - You proactively extend your knowledge, skills and expertise to ensure your contribution continues to add value.
  - **Build Capability** - You clarify your expectations of those in your team; monitor their performance; and support their growth and development through feedback, on the job training, coaching and other opportunities.
  - **Embody The Spirit of Public Service** - You lead by example, promoting and role modelling behaviours and respect for others in all aspects of your work, thereby protecting your reputation and that of your team or work area, agency and the sector.
  - **Deliver on High Leverage Areas** - You continually improve all aspects of your work area, keeping an open mind to explore innovative alternatives.
  - **Dynamically Sense The Environment** - You communicate clearly and concisely to ensure a shared understanding.
  - **Think Through Complexity** - You think critically and strategically to solve problems and enhance effectiveness across your team or work area.
  - **Lead Collectively** - You seek to build and maintain effective working relationships with others, and are mindful of the partnerships that support your efforts to deliver value for your team and work area.
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### **This position reports to:**

Manager Earth Imaging and Observation

Position No: MIS19258      Classification: SCL4

### **Positions reporting to this Role:**

This position has no direct reports

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### **Position Conditions:**

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

- Nationally Coordinated Criminal History Check
- Medical Check
- C Class Drivers Licence - Manual

### **Approved Date**

17-APR-2026