



Hydrogeologist Role Matrix (Groundwater Science)

Hydrogeologist, Specified Calling Level 2	Senior Hydrogeologist, Specified Calling Level 3
<p>This position forms part of a team which investigates and assesses the quality, quantity, reliability and sustainability of all aspects of groundwater resources to support groundwater management.</p> <p>The team locates and evaluates groundwater resources, samples groundwater, surface water, sediment and soils to collect a range of geological and hydrogeological parameters, analysing and interpreting data, reporting and communicating results, and supporting the development of groundwater models.</p> <p>The team works with planners, policy-makers and other disciplines to deliver water resource management outcomes</p>	<p>The Senior Hydrogeologist provides leadership and technical expertise in the investigation and assessment of groundwater resources to support sustainable water management across Western Australia.</p> <p>This role applies advanced hydrogeological knowledge to conceptualism groundwater systems, guide strategic planning, and deliver operational outcomes.</p> <p>The position often provides project management guidance, mentors staff, ensures scientific rigour in investigations, and contributes to the development of policy and process that underpin groundwater resource management.</p>
To be successful as a Hydrogeologist, SCL2 you will need to demonstrate the following requirements.	To be successful as a Senior Hydrogeologist, SCL3 you will need to demonstrate the following requirements.
<p>Essential</p> <ol style="list-style-type: none"> 1. You have a Bachelor of Science degree (geoscience), or approved equivalent qualification in a discipline appropriate for the role and responsibilities. 2. You have demonstrated hydrogeological experience that may include: <ul style="list-style-type: none"> • Field and desktop investigation and assessment of groundwater resources • Hydrogeological conceptualisation and supporting the modelling of groundwater resources, surface and groundwater interactions, solute transport • Knowledge of current hydrogeology developments • Understanding of hydrogeology and groundwater management issues in Western Australia • Experience in the use of hydrogeology-related software 3. You have demonstrated ability to work constructively as a member of a team, while also coordinating the work of other staff to achieve project objectives and deliver on organisational priorities (<i>you deliver on high leverage areas</i>). 4. You have the ability to work effectively with a wide range of stakeholders, including government agencies, community groups, and private enterprise, to develop collaborative solutions and achieve positive environmental outcomes (<i>you think through complexity</i>). 	<p>Essential</p> <ol style="list-style-type: none"> 1. You have a Bachelor of Science degree (geoscience), or approved equivalent qualification in a discipline appropriate for the role and responsibilities. 2. You have considerable experience in hydrogeology, including investigation and assessment of groundwater resources, conceptualising and analysing complex water resource issues, and applying up-to-date knowledge of hydrogeological developments and groundwater management in Western Australia to inform sound decision-making (<i>you think through complexity</i>). 3. You have the ability to plan and manage the work and outcomes of others within a program structure, including monitoring and managing individual and project performance to ensure departmental initiatives and outcomes are achieved (<i>you deliver on high leverage areas</i>). 4. You have considerable experience in mentoring and supporting staff, fostering a positive and collaborative environment that encourages the transfer of knowledge and skills and builds organisational capability (<i>you build capability</i>). 5. You have considerable experience working with a wide range of stakeholders, including government agencies, community groups, and private enterprise, to build effective relationships and deliver collaborative solutions to water resource challenges (<i>you lead collectively</i>).

5. You have well-developed communication and interpersonal skills in oral communication, presentations, negotiation, and written communication, including overseeing the production of clear and accurate reports and technical papers to inform decision-making (*you dynamically sense the environment*).

Desirable

- 6. Postgraduate qualifications in hydrogeology or geology
- 7. Knowledge of the groundwater and surface water resources of Western Australia.
- 8. Knowledge of relevant Acts and policies relating to water regulation in Western Australia

Special Requirements

- The department will conduct a national police check before offering employment.
- This position requires;
 - The ability to operate, and use safely, technical and specialist equipment required in investigations
 - Current WA 'C' class driver's licence.

6. You have the ability to synthesise complex scientific information and communicate it effectively to a range of audiences, including editing and reviewing technical reports and papers to ensure clarity, accuracy, and impact (*you embody the spirit of public service*).

Desirable

- 7. Postgraduate qualifications in hydrogeology or geology
- 8. Knowledge of the groundwater resources of Western Australia
- 9. Knowledge of relevant Acts and policies relating to water regulation in Western Australian
- 10. Demonstrated experience in the development of numerical groundwater models.

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