



Capability Statement

Hydrogeology (Groundwater)



Groundwater bore installation into the Boisdale Formation aquifer (Warruk Sand Member), West Gippsland, Victoria.

Hydrogeology is acknowledged as one of the fundamental elements in mining, construction, environmental and civil engineering projects. Meeting the demands of today's complex project requirements, Environmental Earth Sciences offers a comprehensive range of groundwater services.

Our services are tailored to meet the requirements of our private and public sector clients to deliver on time, within budget and according to the project brief.

We strive to build long and enduring relationships with our clients based on mutual respect. Our approach focuses on reducing the technical, commercial and environmental risk to our clients and their projects.

At the very core of this approach stands our team of leading engineers and scientists. They provide specialist advice through their combined knowledge and experience covering virtually the whole range of hydrogeological fields, including:

- Physical and chemical hydrogeology

- Hydrogeological investigations
- Monitoring network design and installation
- Field supervision of well installation
- Groundwater monitoring
- Field testing of aquifer characteristics (including pump tests and slug tests)
- Groundwater modelling (physical and chemical fate and transport)
- Hydrogeological risk assessment
- Design and implementation of groundwater remediation systems
- Dewatering requirements

We tailor our investigations and solutions to meet our clients' particular needs and have a proven track record in designing and implementing innovative technologies to solve complex hydrogeological problems.

We welcome the opportunity to meet and discuss your specific needs. Please contact us at any of our locations listed on the reverse.



1. Groundwater sampling (Colac, Victoria); 2. Off-site groundwater bore installation (Stawell, Victoria); 3. Air hammer returns (concrete, topsoil and red clay over basalt) (Ballan, Victoria).



1. Measuring standing water level (Colac, Victoria); 2. Completed piezometer at a mine site (Ardlethan, NSW); 3. Hollow augering through a clay aquitard (Horsham, Victoria).

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