



Paul Magarey
Senior Hydrogeologist

SUMMARY OF COMPETENCIES

Paul is a Senior Hydrogeologist with 13 years' experience in the groundwater and natural resources management sectors. He has specialist experience in the areas of:

- Groundwater supply development, geological interpretation and construction of wells.
- Aquifer storage and recovery / aquifer reinjection
- Mine and quarry water management
- Approvals, permitting and water licensing.

REPRESENTATIVE PROJECT EXPERIENCE

Groundwater Supply Development – SA

Client – City of Burnside

Design, supervision and commissioning of a new water supply bore at Kensington Gardens Reserve. Yields of 10 L/s were achieved targeting a carbonaceous sand aquifer.

Client - DPTI

Design, supervision and commissioning of two water supply bores on the Adelaide Plains. Yields of 7 and 20 L/s were achieved targeting Tertiary Sand and Limestone Aquifers.

Client – Commonwealth Government

GABSI well decommissioning and replacement drilling, Far North SA.

Aquifer Storage and Recovery (SA / Victoria)

Client – Victoria Racing Club – Flemington Racecourse

Project Manager of the wellfield optimization project to improve reinjection performance.

Client – South Australian Jockey Club

Operational Monitoring and Management of the Morphettville Racecourse ASR Scheme, annual reporting to the EPA.

Mine Water Management and Approvals - SA

Client - RENASCOR RESOURCES – Siviour Graphite Project

Mine dewatering and water supply study for the Siviour Graphite Project, Eyre Peninsula.

Client – Groundwork Plus (2014-2017)

Numerous groundwater baseline studies to support extractive mining lease applications and programs for environmental protection and rehabilitation (PEPR).

QUALIFICATIONS

2014: Master of Science (Ore Deposit Geology), University of Western Australia

2003: Bachelor of Science (Environmental Science), Flinders University.

PROFESSIONAL AFFILIATIONS

Geological Society of Australia (SA Branch)

Institute of Quarrying Australia (SA Branch)

YEARS OF EXPERIENCE

13 years in the groundwater and natural resources management sectors.



"If you can't reduce a difficult engineering problem to just one A4 sheet of paper, you will probably never understand it" - R. Peck