



## Production Bore Development

### Our Company

Australian Groundwater Technologies (AGT) is a specialist groundwater consultancy. Based in Adelaide, South Australia, AGT was founded in 2000 as a specialist groundwater consultancy with a focus on Aquifer Storage and Recovery (ASR) and other hydrogeological services. AGT's specialist staff includes world renowned experts with over 100 years combined experience in production bore development.



### Services

AGT offers a complete range of services for production bores throughout their lifecycle, including:

#### Project Management

- Production bores and borefield developments
- Tendering for contractors (drilling, test pumping and geophysics)

#### Construction

- Selection of bore location
- Selection of bore depth based on our wealth of hydrogeological experience
- Supervision of drilling and selection of drilling technique
- Production bore design & supervision of construction
- Supervision of borehole geophysics and analysis of results
- Test pumping program design, supervision & analysis of results
- Borehole pumping system design and supervision of installation
- Production bore commissioning

#### Maintenance

- Production bore maintenance
- Investigations into salinity fluctuations during pumping cycles
- Identification and treatment strategy for iron bacteria
- Management techniques for excessive sand entrained in pumped discharge
- Borefield management
- Pumping system and borehole efficiency assessments
- Borehole remediation and abandonment



*Headworks for production bores can either be controlled manually, or fully automated*



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### Clients

A selection of our past clients includes:

- BHP Billiton
- Coopers Brewery
- Cities of Salisbury, Playford and Tea Tree Gully