

GROUNDWATER & ENVIRONMENT NEWSLETTER

**A QUARTERLY
NEWSLETTER COMPILED
FOR HYDROGEOLOGICAL &
ENVIRONMENTAL
PROFESSIONALS WITHIN
W.A. MINING & RESOURCE
COMPANIES.**

Pumping Tests

We have recently acquired test-pumping equipment for small-scale applications. We have three-inch (75mm) submersible pumps for low yield or high-flow (up to 180m³/d) bores, with a mine site specification diesel generator set, mounted on an off-road trailer. In addition, we have a Grundfoss MP1 submersible pump for sampling 50mm monitoring bores to 90m.



Test pumping equipment

The pumps recently completed a rigorous testing program at Perth airport and passed with 'flying' colours.

The Grundfoss is fully compliant with AS3007 for mine site applications.

Are you ready to undertake **Test Pumping & Sampling?**

Call us for an obligation free quotation!!

Managing Mining Voids



Quarry requiring aftercare

On behalf of a major iron ore producer, HydroSolutions will be commencing investigation work in June at three former bluemetals Pilbara quarries that have exposed the watertable.

The work will characterise the hydrogeology at each site.

Further work will be to undertake modelling predictions of changes in groundwater quality over time, as part of the restoration and aftercare program.

Perth Airport Update

Work is well advanced with construction of a numerical groundwater flow model to examine groundwater and surface water interactions, and options for abstraction for reticulation supplies.



Field work at the airport

Contact HydroSolutions

We'd like to hear from you! HydroSolutions is a leading WA hydrogeological & environmental consultancy. We provide specialist hydrogeological services, including investigation, potable & process resource development and dewatering.

Our environmental capabilities include contaminated site investigation, remediation and risk assessment - qualitative/quantitative, health, and ecological.

Video Conferencing available



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