



## CASE STUDY

# Water Quality Monitoring and Slug Testing at Iron Princess Mine

### THE ASSIGNMENT

OneSteel required eleven groundwater bores to be sampled and a Lake Sample taken at its Iron Princess Mine, near Whyalla SA.

The sampling was required to provide baseline groundwater data at the site of the proposed Western Pit. The sampling included analysis for major ions, pH electrical conductivity, TDS and field parameters.

Results were submitted to Arrium Mining in report format.

### EXPERIENCED AND QUALIFIED STAFF

HydroTerra takes data collection very seriously and therefore have hired strategically to ensure our teams include qualified environmental scientists, experienced in the use of our entire suite of environmental monitoring equipment and their application.

Our teams are committed to providing the best possible service, be it promptly alerting site managers to issues they observed in the field or working the hours necessary to getting the job done.

From installing pumps deep in the snowy mountains to conducting gas monitoring surveys in the muddiest of landfills... whatever the job, whatever the conditions, we've probably done it!

### Quick facts

#### Client

One Steel - Arrium Mining

#### Date

2013

#### Location

Iron Princess Mine, South Australia

#### Products

Low Flow Sampling Kit  
Water Quality Meter  
Low-flow Sampling  
Levellogger and Barologger  
Slugs

#### Services

Groundwater sampling  
Surface water sampling  
Low-flow sampling  
Project management  
Slug testing



### To learn more:

Visit [www.hydroterra.com.au](http://www.hydroterra.com.au) for more information about our monitoring systems or contact the team directly:

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