



**Project Number:** 05N121-04

**Project Start Date:** 2/1/2007

**Project Completion Date:** 31/03/2009

## Project Description

The Department of Water has a fairly extensive network of groundwater monitoring bores throughout the Northern Agricultural Region (NAR). These bores are screened in different aquifers, allowing the department to examine groundwater trends at different depths and in different aquifer types across the region. Such a monitoring network allows us to determine large scale groundwater trends across the NAR.

The monitoring bore network is checked twice yearly in most cases, and regular monitoring has been occurring for the last five to ten years in most cases. Unfortunately, testing only involves checking of groundwater levels and not any analysis of water chemistry.

A review of historical records on bore water quality and water table depth will be carried out of both the Department of Water and the Department of Agriculture monitoring network. Advertising will also be undertaken to involve landholders who have suitable bores with a salinity history.

A series of bores throughout the NAR will be selected, have their salinity tested and the standing water level measured. From this data we will attempt to determine regional water table trends and regional water quality trends and produce a report stating our findings

**Delivery Organisation:** Department of Water

**Total IP2 Funding:** \$270,300

### Geraldton

Location: 18 Chapman Road, Geraldton  
Postal : PO Box 7168, Geraldton, 6530  
Phone: (08) 9964 9774  
Fax (08) 9964 9776

### Moora

Location: 1 Padbury Street, Moora  
Postal: PO Box 407, Moora, 6510  
Phone: (08) 9653 1266  
Fax(08) 9653 1277

### Perenjori

Location: Corner of Fowler Street and Timmings  
Street, Perenjori  
Postal: PO Box 95, Perenjori  
Phone: (08) 9973 1444  
Fax: (08) 9973 1464

