

## Introduction

Metropolitan Coal was granted approval for the Metropolitan Coal Project (the Project) under section 75J of the NSW *Environmental Planning and Assessment Act, 1979* on 22 June 2009 (the Approval). The Project general arrangement is shown on Figure 1.

A range of management plans and monitoring programs have been prepared for the Project and include details of the environmental monitoring network (e.g. parameters, frequency and locations). Metropolitan Coal has comprehensively reviewed and assessed the monitoring results of the Project from August 2011 to July 2012 in the 2012 Annual Review. Secondary extraction of Longwall 20 commenced in May 2010, and was completed in August 2011. Longwall 21 had advanced 2,165 metres as at 31 July 2012.

This Environmental Monitoring Summary provides a summary of the monitoring results of the Project, which have been reported in accordance with the various plans and programs approved under the Approval conditions. A copy of the 2012 Annual Review and the management plans and monitoring programs are available on the Peabody website (<http://www.peabodyenergy.com.au>).

## Monitoring Results

The monitoring results presented in this summary relate to:

### Mining Area and Surrounds

- Surface Water
- Groundwater
- Biodiversity
- Land
- Aboriginal Heritage
- Subsidence
- Built Features
- Rehabilitation

### Surface Facilities Area

- Surface Water
- Noise
- Air Quality
- Traffic
- Waste

