



Centennial Coal

# INGLENOOK EXPLORATION PROJECT

[www.centennialcoal.com.au](http://www.centennialcoal.com.au)

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## EXPLORATION ACTIVITIES PROPOSED FOR 2017

Centennial Coal has been given budget approval for a total of two (2) exploration drill holes to be completed within the Inglenook Exploration Project in 2017. The proposed drilling sites are located within EL7431 and EL7432 and it is planned to complete all works (except final site rehabilitation) within a three week period commencing late September 2017.

The purpose of the exploration drilling program is to:

- Confirm coal seam thickness and quality.
- Identify major seam structures and intrusions.
- Identify the extent of the basalt and alluvial thickness.
- Investigate geotechnical properties of the strata.
- Understand groundwater characteristics.

The exploration sites have been located:

- a minimum of 200 metres from water features identified in the 2011 water census (and any features identified during recent ecological and heritage assessments of the proposed drill sites and access route);
- to avoid exempted areas including road reserves; and
- to minimise any impact on neighbouring property owners.

Prior to commencing exploration drilling, Centennial Inglenook must obtain approval from the Division of Resources and Geoscience. The approval can only be granted if legislative requirements under the Mining Act 1992 NSW and Regulations and Centennial Inglenook Exploration Licence conditions have been satisfied. In summary, prior to commencement of any exploration drilling activities, the following requirements must be satisfied:

- An Access Agreement for Exploration must be in place with the landowner.
- A Groundwater Monitoring and Modelling Plan (GMMP) must be prepared and approved by Water NSW and the NSW Minister for Resources. The 2011 water census has been integral to the preparation of the GMMP.

*(cont'd)*

### *Exploration Activities Proposed for 2017 (Cont'd)*

- Ecological and heritage assessments of the proposed drill sites and access route must be completed.
- Approval of an application submitted to the Division of Resources and Geoscience using the ESF4-Exploration Activities Application Form. This Application reports on the findings of the Groundwater Monitoring and Modelling Plan and ecological and heritage assessments of the proposed drill sites and access route.

The Application is undertaken to demonstrate that environmental risks and impacts associated with the exploration program are understood, avoided or minimised.

All of the required assessments outlined above have been completed for the proposed exploration boreholes. No water features have been identified in close proximity to the drill sites.

Activities will be completed in line with the findings of the ecological and heritage assessments ensuring protected flora/fauna species have been avoided. No items of European or Indigenous heritage were identified on the proposed sites or access route.

## **OTHER ACTIVITIES FOR 2017**

Baseline data collection to build an understanding of the existing environment through the collection of environmental monitoring data is ongoing throughout 2017.

Environmental monitoring data includes:

- Surface water and groundwater monitoring was continued throughout the year. This work allows ongoing verification of the results from the water census which was completed in 2010.
- Baseline surface water quality sampling.
- Baseline groundwater quality and level sampling.
- Baseline remote vibrating wire piezometer data is collected remotely on a daily basis.
- Baseline weather data collection data is collected remotely on a daily basis.

**Please contact the Inglebrook Community Information Hotline  
if you have any questions relating to the Inglebrook Exploration Program**

**1800 617 173**