



Planning &  
Environment

# ***Hume Coal Project and Berrima Rail Project***

## IPC Public Hearing

# ***Structure of Presentation***

1. Department's Assessment Process
2. Engagement
3. Project and Strategic Context
4. Assessment Issues
5. Evaluation and Next Steps

# 1. Department's Assessment Process

## **Role of the Department**

- *Environmental Planning & Assessment Act 1979*
- State significant development
- Resource and energy projects

# 1. Department's Assessment Process

## ***What is the assessment process?***



# 1. Department's Assessment Process

## ***How was this project assessed?***

- Mandatory matters for consideration
  1. Submissions
  2. Environment, social & economic impacts
  3. Suitability of the site
  4. Provisions of environmental planning instruments
  5. Public interest

## 2. Engagement

### ***Who did we consult with?***

- Community / general public
- Government agencies
- Applicant and consultants

## 2. Engagement

### • ***What experts were involved?***

- Emeritus Professor Jim Galvin (mining engineering)
- Professor Ismet Canbulat (mining engineering)
- Mr Hugh Middlemis (groundwater)
- Dr Renzo Tonin (noise)
- Mr Andrew Tessler (economics)

## 2. Engagement

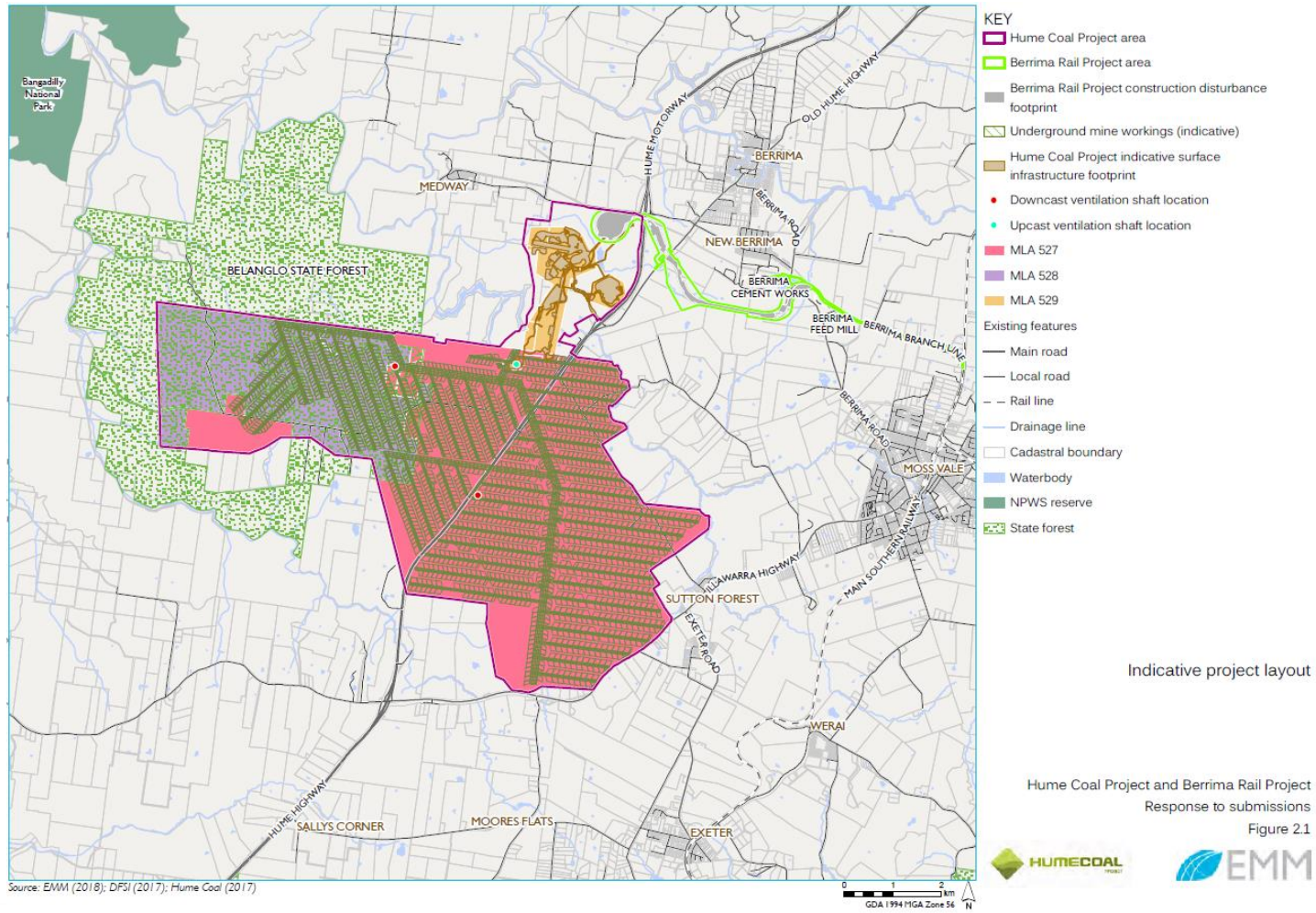
# Summary of Engagement

Date	Description	Attendees
12/04/2017	Site visit and project briefing	Department, Hume Coal and agencies
12/04/2017	Project briefing	Department, Wingecarribee Shire Council
12/04/2017	Project briefings	Department, NSW Police Force, NSW Health
26/04/2017	Project briefings	Department, Battle for Berrima, Coal Free Southern Highlands
26/04/2017	Site visit to Berrima and surrounds	Department
26-27/04/2017	Community information sessions	Department, general public
15/06/2017	Project briefing	Department, Southern Highlands Greens
26/06/2017	Site visit to Medway Road	Department, Medway Road residents
26/06/2017	Site visit to Berrima and surrounds	Department, Battle for Berrima
14/11/2017	Site visit to Medway Road	Department, Medway Road Residents
21/08/2018	Geology and groundwater	Department, Coal Free Southern Highlands
31/08/2018	Economic impacts	Department, Coal Free Southern Highlands
4/10/2018	Groundwater impacts	Department, Coal Free Southern Highlands



# 3. Project and Strategic Context

## What is the project?



### 3. *Project and Strategic Context*

## ***What are the key aspects?***

- Project design – avoid and minimise
- Mining method
- Storage of mine water

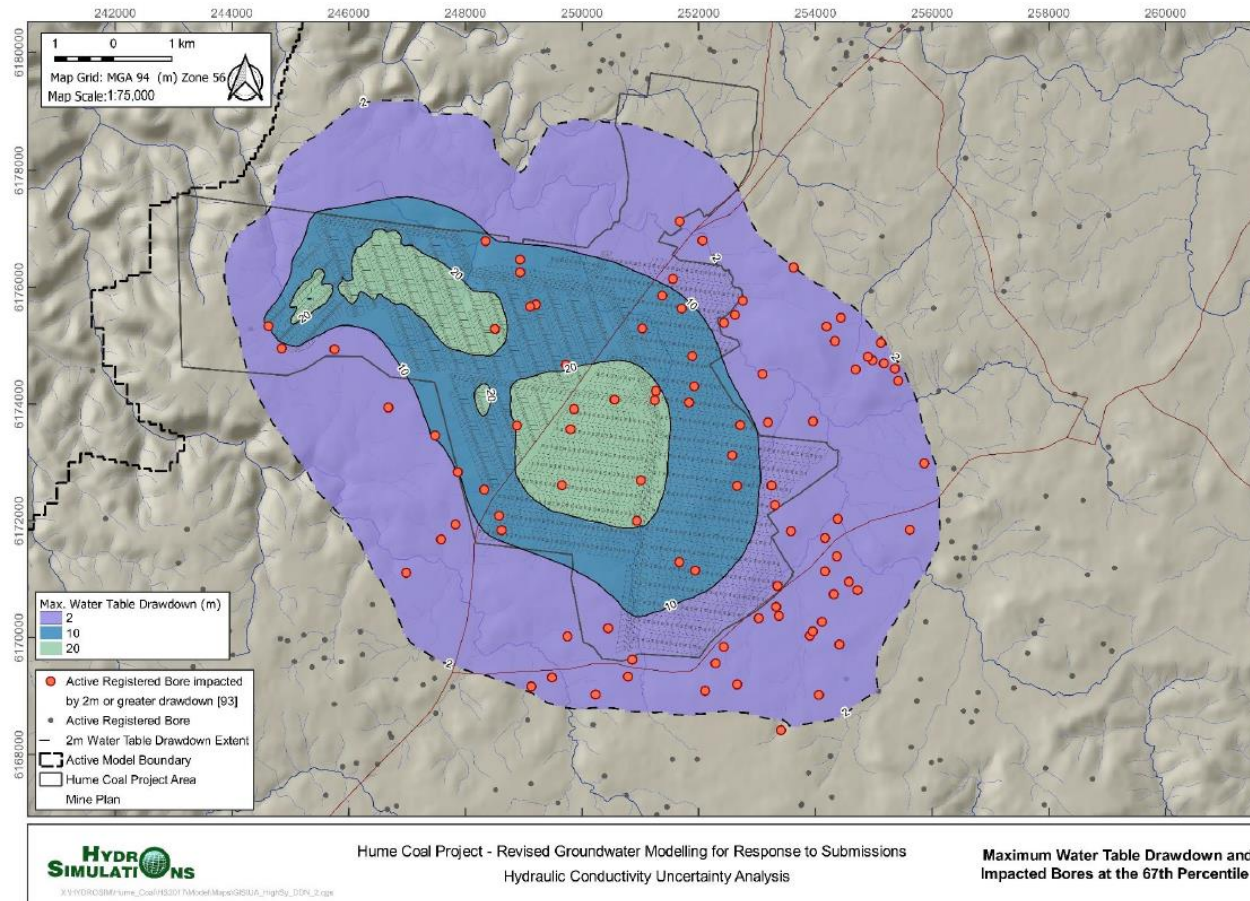
### 3. *Project and Strategic Context*

## ***Where is the project located?***

- Regional and local setting
- Environmental setting
- Geology

# 4. Assessment Issues

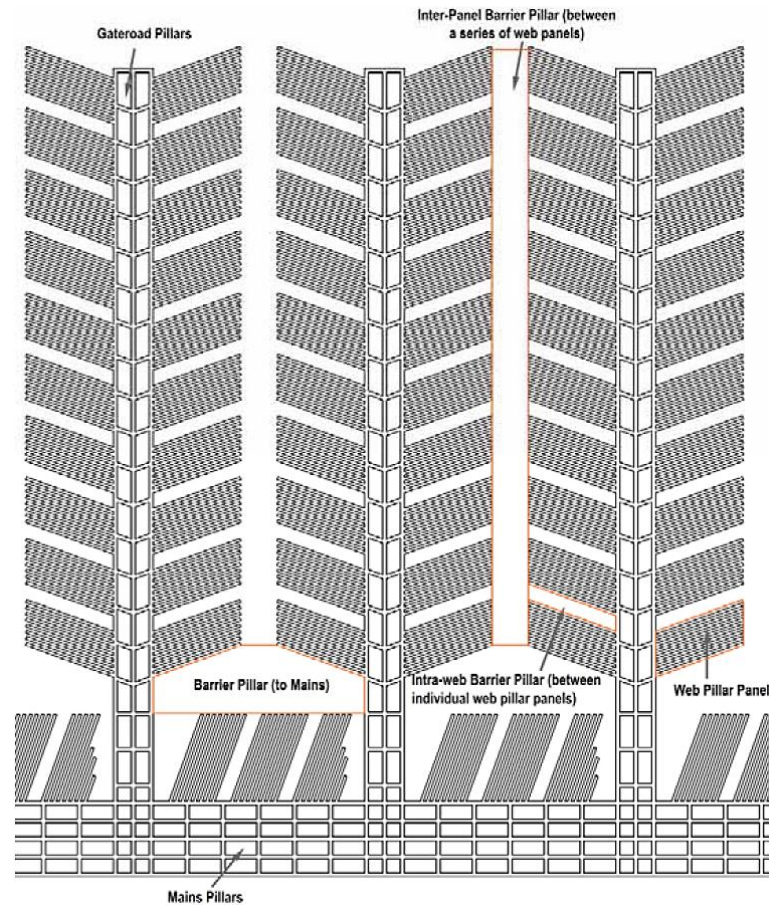
## Key issue 1: Groundwater





## 4. Assessment Issues

### **Key issue 2: Mine Design**



## 4. Assessment Issues

### ***What about the other issues?***

- Economics
- Social and tourism impacts
- Amenity (noise, vibration, air quality, visual)
- Traffic (road and rail)
- Biodiversity
- Heritage
- Agriculture and Rehabilitation

## 5. Evaluation and Next Steps

### **How do we evaluate the project?**

- Weigh up mandatory matters for consideration
- Triple bottom line assessment, balancing:
  - Environmental
  - Social
  - Economic

## 5. Evaluation and Next Steps

### ***What is our overall evaluation?***

- Acknowledge project design and response to submissions
- Potential economic benefits
- However, consideration of mandatory matters:
  - 12,666 submissions, with 96% objections
  - Residual concerns re. water impacts and mine design
  - Suitability of the site
  - Provisions of Mining SEPP, including compatibility of land uses
  - Public interest, including ESD



## 5. Evaluation and Next Steps

### ***What are the next steps?***

- IPC report following public hearings
- Applicant's response to IPC report
- Department's final assessment
  - Further input from relevant stakeholders
  - Final recommendation to IPC
- IPC determination