

69 Shortland St  
Wentworth Falls NSW 2782

29 April 2014

Mining and Industry Projects  
NSW Department of Planning & Infrastructure  
GPO Box 39  
Sydney NSW 2001

Dear Sir/Madam

**Part 3A Modification 4 – Invincible Mine Extension (07\_0127 MOD 4) and  
Part 3A Modification 2 – Cullen Valley Mine Extension (DA 200-5-2003 MOD 2)**

I object to these proposed modifications to the Invincible and Cullen Valley coal mines because they will adversely impact on the internationally significant pagoda landform complex located on the western edge of the Great Dividing Range in Ben Bullen State Forest. This public forest should be fully protected from open-cut mining in a state conservation area for nature conservation, recreation and tourism.

The coal in this proposal is of poor quality and there are better quality substitute resources that can provide at least 25 years electricity generation by the two power plants in the Lithgow Region. The claim of increased costs to electricity consumers if the Coalpac proposal does not proceed is a wild exaggeration. Nearby underground mines have provided for local electricity power plants for over 20 years.

The proposal using open-cut mining will destroy the unique biodiversity, scenery and geological values associated with the pagoda landform complex. Its outstanding values including a Grassy Box Woodland – a nationally endangered ecological community, many nationally endangered Clandulla geebung shrubs and 2,300 threatened Capertee Stringybark trees. The Planning Assessment Commission recommendation for independent vegetation study should not have been ignored.

The proposal fails to provide the 300 metre minimum buffer recommended by the Planning Assessment Commission from the base of the pagoda rock formations and the open-cut area. The buffer provides protection for wildlife including many Lyre Birds and the threatened broad headed snake. If such a buffer were provided, there would be no mine.

The proposal is less than two kilometres from Cullen Bullen and dust from this project will lead to increased morbidity and mortality in the community from respiratory and cardiovascular disease. Noise, truck movements and blasting will also adversely impact on residents. The proposal intends to vastly increase water extraction from underground workings from 26Ml/year to 750Ml/year, but fails to address the ongoing fires underground and in waste heaps. Where 2Ml/day of water pumped from old workings is to be released in not explained.

The Aboriginal cultural heritage assessment lacks credibility because it did not find a cave art site in the proposed disturbance area for the Cullen Valley Mine. Previous studies had missed other important Aboriginal cave art sites in the area.

Despite Coalpac's claim ecosystems cannot be replanted on farmland and especially after open-cut mining. No mature woodland has ever been established in mine rehabilitation. The biodiversity offsets are inadequate, and cannot replace a Gardens of Stone Stage 2 reserve.

**I declare that I have not made any donations to political parties in the last year.**

Yours sincerely

A handwritten signature in black ink, appearing to read 'Lachlan A Garland', with a long horizontal stroke extending to the right.

Lachlan A Garland