

20<sup>th</sup> March 2020

Melissa Munroe  
Principal Mining Registrar Assessment  
Coal Assessment Hub  
Department of Natural Resources Mines and Energy  
PO Box 3679  
ROCKHAMPTON QLD 4701

Dear Melissa,

**Re: Justification of Area and Shape for Mining Lease Application “Vulcan Mine”**

In accordance with s245(1)(k) of the *Mineral Resources Act 1989*, Queensland Coking Coal Pty Ltd and Qld Coal Aust No. 1 Pty Ltd (QCC) provides the following reasons which justify its request for the area and its shape of the Mining Lease application “Vulcan Mine”.

The surface area and shape is required for the Vulcan Mine, to allow for the establishment and operation of an open-cut coal mine, overburden dumps as well as the various, necessary supporting surface infrastructure, including haul roads, surface water reticulation and storage, workshops, lay down areas, administration and bathhouse facilities and product storage and handling areas. The area was also selected for ease of access and maneuverability within the property and local topography, the background land tenure boundaries and inclusion of buffer zones for the protection of significant environmental values. The area and shape was also selected in recognition of the seam dips and resource limits, and the mining method employed for the site.

The geology is sufficiently mineralised with coal of suitable quality and accessibility to ensure the designated term viability of the proposed mining activities.

Should you have any queries regarding this letter please do not hesitate to contact me on (07) 3174 4816 or email [nick@vitrinite.com.au](mailto:nick@vitrinite.com.au).

Kind Regards,



**Nicholas Williams**  
Director

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