

5th May 2022

Deb Toon
Principal Mining Registrar Assessment
Coal Assessment Hub
Department of Resources
PO Box 3679
ROCKHAMPTON QLD 4701

Dear Deb,

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

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 shape of the Mining Lease application “Vulcan South”.

The surface area and shape is required for Vulcan South, 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, coal handling and preparation plant, site power infrastructure, surface water reticulation and storage, workshops, lay down areas, administration and bathhouse facilities, ROM and product storage and handling areas as well as a dedicated rail spur, loop and mechanised train load-out facilities. Contour mining using highwall mining methods will be conducted within the north of the application area and associated infrastructure has been included. 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 viability of the proposed mining activities over the designated term.

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.

Kind Regards,



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Director

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