

5th May 2022

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

Dear Deb,

Re: Queensland Coking Coal Pty Ltd ABN 71 129 600 004 and Qld Coking Coal Aust No.1 Pty Ltd ABN 28 135 731 154 (QCC) – Statement of Technical Capability

Queensland Coking Coal Pty Ltd and Qld Coal Aust No.1 Pty Ltd (QCC) collectively holds five (5) Exploration Permits for Coal, being EPCs 1233, 1234, 1238, 1729, 1732, one Mining Lease (ML) 700060. Together these tenements form the Vulcan Mine Complex Project, which contain numerous discrete deposits. The primary objective within the Vulcan Mine Complex Project is the exploration and assessment of the area to host multiple economically viable open-cut coking coal deposits. The Jupiter deposit located within ML 700060, EPC 1732, EPC 1234 and 1233 was the first of these to be defined to a level of economic confidence. This ML application for 'Vulcan South' will be the second discrete project within the Vulcan Mine Complex.

Vulcan South project consists of Exploration Permits for Coal (EPCs) 1732, 1234, 1233 and Prospecting Permits (PPs) 100714, 100715, 100718 and 100719 in Queensland's Bowen Basin. These tenements are located in central Queensland on the western side of BMA Saraji mine and BMA Peak Downs mine, approximately 45km from Dysart. Mining at Vulcan South will commence following exhaustion of reserves in ML 700060 when the excavator fleet will transition to the Vulcan pits, however construction for MIA and mining infrastructure will commence prior to commencement of mining activities. Vulcan South will utilise two primary excavator fleets (400t class which will relocate from ML 700060 and the introduction of a 600t fleet) for waste mining and a dedicated coaling fleet. In addition to conventional open cut, highwall mining will occur in the north of the Vulcan South project on outcropped seams in the Mesa Hilltops.

Exploration and mining assessment work has been ongoing since Vitrinite acquired the EPCs and mining in the open pits will commence from outcrop in the west to the Saraji road and rail easement for Aurizon in the east. Whilst numerous coal seams have been identified in the exploration drilling, the primary target seams are the sub cropped Alex, Dysart Lower seams and the Matilda Seam. These seams, in the Moranbah Coal Measures, are primarily a premium-hard coking coal with a secondary thermal product. The Alex seam is contained only within one of the proposed open pits.

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The mine plan focuses on conventional open-cut mining with truck and shovel targeting the basal seam of Dysart Lower. There are three (3) pits which are constrained by geology (faulting) or physical barriers (Saraji Road and Aurizon rail corridor). The pits are mined from north to south and named Vulcan North, Vulcan Main and Vulcan South. The low wall will be defined through line of oxidisation (LOX) drilling to determine the western extent and will follow down dip to a 35m offset from the Aurizon rail corridor. This is not the economic cut-off but a boundary limit due to interaction with key stakeholders. The mineable reserves equate to 13.3 MT of ROM coal over 9 years. Additionally, a trial of highwall mining consisting of 750 kT of Dysart Lower and Matilda seam coal will be conducted in the Mesa Hilltops.

The mining lease duration is for 15 years, of which 8 years will consist of mining activities. The remaining term of the lease is for rehabilitation, monitoring and mine closure.

A direct workforce of up to 190 is anticipated over the mine life of 15 years. In addition to the direct workforce, significant indirect employment of specialist service providers, contract labour, support personnel, suppliers and local business will be required.

The Moranbah and Dysart Township has a long history of supporting local mining operations and is well positioned to provide a hub for the required workforce. It is home to many experienced coal miners, currently or formally supporting the adjacent operating coal mines and coal mines under construction. The Vulcan South Mine development will initially access the same pool of trained and experienced mineworkers. Vitrinite and QCC are committed to a residential workforce that are established in the nearby townships of Moranbah, Dysart and surrounds. Additional labour resources, both experienced and inexperienced, will be sourced and relocated to the local region and extensively trained and upskilled. The project will not only deliver significant employment opportunities for the region, it will provide a substantial boost to the local economy.

The owners of the Vulcan South Project have extensive experience in the development and operation of coal mining operations. This includes a large workforce of highly skilled mining professionals with a wealth of experience in the management and implementation of all technical, operational, and engineering aspect of coal mining. These resources will be utilised and expanded upon during the development and operation of Vulcan South.

Evidence demonstrating this team's capacity to successfully deliver work programs is attached in support of this ML application.

Kind Regards,



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