

LAKE VERMONT EXTENSION PROJECT SUPPORTING DOCUMENT

Justifying statement for the size and shape of the area

s.245(1)(k) MR Act

Bowen Basin Coal Pty Ltd (Bowen Basin Coal) (ACN 065 321 440) is the 100% applicant of the Lake Vermont Extension Project Mining Lease Application (MLA). Bowen Basin Coal is a private company owned by the Lake Vermont Joint Venture (LVJV), an unincorporated Australian Joint Venture (JV) operating in Queensland comprising QCMM (Lake Vermont Holdings Pty Ltd (70%), Marubeni Coal Pty Ltd (10%), CHR Vermont Pty Ltd (10%) and Coranar (Australia) Pty Ltd (10%). The LVJV participants support Bowen Basin Coal as applicant for the Lake Vermont Extension Project (the Project).

The Project is proposed to provide additional product coal to help augment the reduced open cut output from the existing Lake Vermont Mine which is located immediately south of the sought extension area. Following ML grant, the Lake Vermont Mine and the sought Lake Vermont Extension Area will collectively be known as the 'Lake Vermont Complex'.

Bowen Basin Coal, as applicant for the MLA, submits that the sought size and shape of the MLA boundary is sufficient for the reasons as outlined below:

1. the size and shape of the MLA has been designed with consideration for both the sought mining area and the required infrastructure corridor between the currently operational lease and the lease extension area. Bowen Basin Coal has included supporting information and maps of the planned mining area and infrastructure area as part of the Initial Development Plan (IDP) that accompanies the MLA as follows:
 - a. **Mining area:** The resource information provided as part of the IDP for this MLA indicates the target Rangal Coal Measures are at a suitable depth for extraction across the entire sought mining area within the MLA boundary;
 - b. **Infrastructure corridor:** The infrastructure corridor as part of the Project Area has been designed to be sufficient in size to deliver power and water, provide personnel and materials access as well as facilitate the clearance of ROM coal to the existing Coal Handling and Preparation Plant (CHPP);
2. the sought area of 8247ha within MDLs 303 and 429 will support the sequenced development of mining based on the economic assessment of the scale of the Lake Vermont Extension Project, at pre-feasibility study level, to have an estimated mine life that exceeds the sought MLA term of 25 years. Bowen Basin Coal has included supporting resource information from relevant feasibility studies as part of the Initial Development Plan (IDP) that accompanies the MLA; and
3. the proposed lease area is located entirely within MDLs 303 and 429 which are held 100% by the MLA applicant.