



15 July 2019

## Final Raw Coal Quality Results from the Isaac River 2019 Drilling Program

### Highlights

- Raw coal quality data from the last 2 drill holes consistent with previous results, demonstrating very good key coking properties
- Vermont Upper seam in Hole PPD003PC indicated exceptional raw coal characteristics (raw ash of 10.2% and raw CSN of 8)
- Lower section of the Leichhardt seam's results also suggests low ash high CSN coking coal
- Washability tests progressing well
- Resource Estimate underway

**Bowen Coking Coal Ltd (ASX: BCB, "Company")** is pleased to announce the raw coal quality results of the final two holes following the successful completion of the 2019 drilling program at its 100% owned Isaac River Coking Coal Project (MDL 444 & EPC830), located immediately to the East of BHP Mitsubishi Alliance's Daunia Mine in the Bowen Basin, Central Queensland. See Figure 2 below.

The raw coal quality results for holes PPD003PC and PPD005PC have been received and are consistent with the exceptional results of those previously reported. The information reaffirms that the previously untested Vermont Upper ("VU") seam displays very good coking coal characteristics, capable of producing a low ash, high CSN coking coal.\* As predicted, the lower section of the thick Leichhardt seam demonstrated significantly better coal properties than the top section and those indicated by the historic data which, subject to washabilities, could also support a high quality coking coal fraction. Washability tests are underway and are expected to be completed in 4 to 6 weeks, whilst high level quality analysis from the Vermont Upper 3, Vermont Lower and Girrah seams is also proceeding in parallel. Work has already commenced to incorporate the latest exploration outcomes into the Resource Estimate in accordance with the JORC code.

Managing Director Gerhard Redelinghuys said: *"The raw coal quality results exceeded our already high expectations. In this program, the previously untested VU seam results demonstrated raw ash averaging 11.4% with raw CSN on average around  $6\frac{1}{2}$ , which are key indicators of an extremely exciting coking coal. The high raw CSN observed in the lower half of the thick Leichhardt seam supports the view that this primary target was most likely undervalued in previous studies. Overall, the exploration program was a huge success"*

\* See ASX release 24 June 2019 and 3 July 2019 for detail about the raw coal quality for other holes

**Table 1. RAW coal quality from drill hole PPD003PC and PPD005PC (Air Dried basis)\*\***

| HOLE     | SEAM   | FROM   | Thickness (m) | Relative Density (g/cc) | Moisture % | Ash % | Volatile Matter % | Fixed Carbon % | Total Sulphur % | Crucible Swelling Number (CSN) |
|----------|--------|--------|---------------|-------------------------|------------|-------|-------------------|----------------|-----------------|--------------------------------|
| PPD003PC | VU2    | 42.08  | 2.49          | 1.38                    | 1.7        | 10.2  | 20.1              | 68.0           | 0.51            | 8                              |
| PPD005PC | LHD    | 138.87 | 5.01          | 1.50                    | 1.5        | 18.4  | 21.0              | 59.1           | 0.21            | 3                              |
|          | LHD*** | 217.64 | 4.91          | 1.43                    | 1.3        | 13.7  | 19.6              | 65.5           | 0.26            | 4 $\frac{1}{2}$                |

\*\*See ASX release 8 May 2019 for detail about the exploration plan and seam intersections

\*\*\* Repeat intersection of the Leichhardt seam

**Figure 1. Drill Site Location**



Going forward, Xenith Consulting will manage the washability test and coal quality analysis process for the remainder of the program with McMahon Coal Quality Resources (MCQS) through SGS Australia's laboratory in Mackay. Washability tests are designed to test coal qualities and coal yields at different densities to assist Management in determining the optimum beneficiation strategy to ensure maximum value release from the raw coal. This information is used to analyse the characteristics and quality of a final coal product which will ultimately impact the placement and pricing in the market. The Company will update shareholders as and when the additional results come to hand.

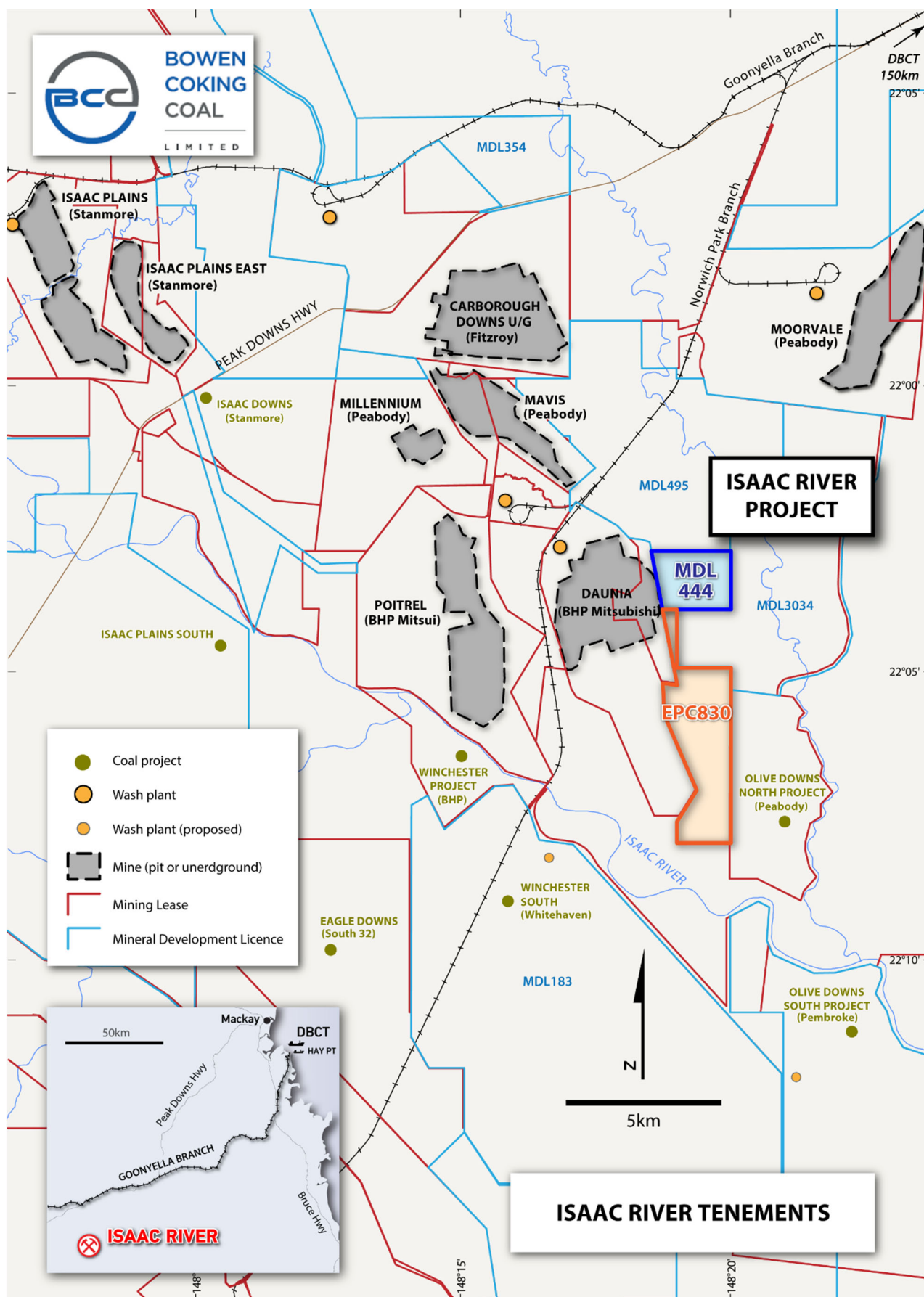
**Table 2. RAW coal quality from all drill holes in the 2019 exploration program. (Air Dried basis)\*\***

| HOLE     | SEAM | FROM   | Thickness (m) | Relative Density (g/cc) | Moisture % | Ash % | Volatile Matter % | Fixed Carbon % | Total Sulphur % | Crucible Swelling Number (CSN) |
|----------|------|--------|---------------|-------------------------|------------|-------|-------------------|----------------|-----------------|--------------------------------|
| PPD002PC | LHD  | 55.83  | 4.72          | 1.50                    | 0.9        | 18.3  | 19.6              | 61.3           | 0.44            | 3 $\frac{1}{2}$                |
|          | VU2  | 103.34 | 2.25          | 1.35                    | 1.1        | 12.1  | 20.9              | 65.9           | 0.40            | 6 $\frac{1}{2}$                |
| PPD006PC | LHD  | 104.93 | 5.58          | 1.46                    | 1.0        | 17.8  | 18.9              | 62.3           | 0.46            | 2                              |
|          | VU2  | 166.53 | 2.37          | 1.35                    | 0.9        | 15.5  | 20.7              | 63.0           | 0.48            | 5 $\frac{1}{2}$                |
| PPD004PC | LHD  | 16.63  | 3.90          | 1.53                    | 12.1       | 10.4  | 21.9              | 55.7           | 0.21            | 0*                             |
|          | VU2  | 91.17  | 2.23          | 1.39                    | 1.5        | 9.5   | 20.6              | 68.4           | 0.55            | 4 $\frac{1}{2}$                |
| PPD001PC | VU2  | 26.33  | 2.48          | 1.34                    | 1.4        | 10.4  | 20.3              | 67.9           | 0.51            | 7                              |
|          | VU2  | 38.91  | 2.37          | 1.40                    | 1.4        | 10.7  | 20.4              | 67.5           | 0.44            | 7                              |
| PPD003PC | VU2  | 42.08  | 2.49          | 1.38                    | 1.7        | 10.2  | 20.1              | 68.0           | 0.51            | 8                              |
| PPD005PC | LHD  | 138.87 | 5.01          | 1.50                    | 1.5        | 18.4  | 21.0              | 59.1           | 0.21            | 3                              |
|          | LHD  | 217.64 | 4.91          | 1.43                    | 1.3        | 13.7  | 19.6              | 65.5           | 0.26            | 4 $\frac{1}{2}$                |

\*\*See ASX release 8 May 2019 for detail about the exploration plan and seam intersections

\* Weathered coal

Figure 2. Isaac River Location (MDL 444 and EPC 830)



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**Competent Person Statement:**

*The information in this announcement that relates to the Coal Mineral Resources of the Isaac River coal deposit (MDL 444), is based on information compiled and reviewed by Mr Troy Turner, who is a Member of the Australian Institute of Mining & Metallurgy. Mr Turner, Managing Director and a fulltime employee of Xenith Consulting Pty Ltd, has sufficient experience that is relevant to the styles of mineralisation under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Turner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

**ABOUT BOWEN COKING COAL**

*Bowen Coking Coal Ltd is a Queensland based coking coal exploration company with advanced exploration assets. The Company fully owns the Isaac River, Cooroora, Hillalong and Comet Ridge coking coal Projects in the world-renowned Bowen Basin in Queensland, Australia. Bowen Coking Coal is also a joint venture partner with Stanmore Coal Limited in the Lilyvale (15% interest) and Mackenzie (5% interest) coking coal Projects.*

*The highly experienced Board and management aim to grow the value of the Company’s coking coal projects to benefit shareholders by leveraging innovation and maximising the assets and network of the team. An aggressive exploration and development program underpin the business strategy.*

## APPENDIX A: TABLE 1

This Appendix details sections 1, 2 of the JORC Code 2012 Edition Table 1. Section 3 'Estimation and Reporting of Mineral Resources', Section 4 'Estimation and Reporting of Ore Reserves' and Section 5 'Estimation and Report of Diamonds and Other Gemstones' have been excluded as they are not applicable to this deposit and they are not applicable to this ASX announcement.

### SECTION 1 SAMPLING TECHNIQUES AND DATA

(Criteria listed in the preceding section also apply to this section.)

| Criteria                   | JORC Code Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CP Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sampling Techniques</b> | <ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>6 sites were drilled during the April 2019 drilling campaign. Each site contained a pilot hole (chip hole). Pilot holes were drilled at a diameter of 140mm to casing depth and class 12 PVC casing was installed. The remainder of the hole was drilled at a diameter of 99mm to total depth.</li> <li>Chip samples were placed in 1m piles in groups of 6m and in 30m rows and logged by the onsite geologist.</li> <li>The 6 core holes drilled in April 2019 were cored at a diameter of 102mm (4"). The holes were partially cored utilising the geophysics from the pilot hole for each site to target chip and core depths.</li> <li>Core was extracted utilising a 4" core barrel at a maximum of 4.5m per run of core.</li> <li>Each core was brought to the surface, measure, moved to the core table and measured again recording any loss or pickup. The core was marked up for depth and samples and photographed at 50cm intervals. The lithology was logged, and samples taken. Samples were placed into double-bagged 400x600mm UV stabilised bags and an individual sample number corresponding to what was logged on the table was placed in between the two sample bags. The sample was zipped tied and subsequently placed into a poly weave bag.</li> <li>Samples were taken to the contracted courier at the end of the shift and sent to the SGS lab in Mackay.</li> <li>Geophysical surveys were run on pilot and core holes recording density, natural gamma, sonic (where possible), resistivity and hole verticality.</li> </ul> |

| Criteria                                              | JORC Code Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CP Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Drilling Techniques</b>                            | <ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> </ul>                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Pilot (open) holes were fully chipped using a combination blade, PCD and hammer bits with air/water injection. The types of bits used depended on pervading ground conditions.</li> <li>Core holes were partial core 102mm (4C) diameter.</li> <li>A full list of core holes is available in Table 1.</li> </ul>                                                                                                                                              |
| <b>Drill Sample Recovery</b>                          | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>                                                                                                                                                              | <ul style="list-style-type: none"> <li>Core was carefully cut and pulled by experienced coal drillers. Coal core was logged on site by experienced geologists and was measured before and after being placed on the table to account for handling discrepancies.</li> <li>Loss and gain was carefully recorded at the rig.</li> <li>Once borehole geophysical data was obtained the drill holes were corrected to geophysics. Core loss was reconciled against geophysics if it occurred.</li> </ul> |
| <b>Logging</b>                                        | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>                                                                                                                                   | <ul style="list-style-type: none"> <li>All cores were geologically logged; geological/geotechnical features identified were reported.</li> <li>All chipped holes were geologically logged.</li> <li>All holes were geophysical logged with a minimum density, caliper, gamma, resistivity, sonic and verticality unless operational difficulties prevented logging or part logging of a hole.</li> </ul>                                                                                             |
| <b>Sub-Sampling Techniques and Sample Preparation</b> | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for</li> </ul> | <ul style="list-style-type: none"> <li>The lab SGS (Mackay) complies with Australian Standards for sample preparation and sub sampling.</li> <li>Coal samples were taken on a (roughly) 0.5 m interval throughout the target seams where possible, or on the basis of observable variations in coal quality. The immediate 20 to 30cm cm above and below the coal seams were taken for analysis for roof and floor dilution testing</li> </ul>                                                       |

| Criteria                                          | JORC Code Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CP Comments                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                   | <p>instance results for field duplicate/second-half sampling.</p> <ul style="list-style-type: none"> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                              |
| <b>Quality of Assay Data and Laboratory Tests</b> | <ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul> | <ul style="list-style-type: none"> <li>The coal quality laboratory SGS (Mackay) complies with Australian Standards for all coal quality tests and is certified by the National Association of Testing Authorities, Australia (NATA).</li> <li>Geophysical tools were calibrated by the engaged geophysical logging contractor (Logging Downunder)</li> </ul> |
| <b>Verification of Sampling and Assaying</b>      | <ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Raw coal quality data has been returned by SGS for holes as outlined in Table 2.</li> </ul>                                                                                                                                                                                                                           |
| <b>Location of Data Points</b>                    | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Pilot holes and core holes are to be surveyed by a qualified surveyor.</li> <li>Project datum and projection is GDA 94 (MGA94 zone 55)</li> <li>Coordinates listed are hand held GPS coordinates (+/- 10m accuracy).</li> </ul>                                                                                       |
| <b>Data Spacing and Distribution</b>              | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> </ul>                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Approximate drill hole spacing is ~500m along the western limb of the syncline. In the south of the deposit borehole spacing is ~250m.</li> </ul>                                                                                                                                                                     |

| Criteria                                                       | JORC Code Explanation                                                                                                                                                                                                                                                                                                                                                                                                            | CP Comments                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                | <ul style="list-style-type: none"> <li>Whether sample compositing has been applied.</li> </ul>                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
| <b>Orientation of Data in Relation to Geological Structure</b> | <ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul style="list-style-type: none"> <li>Not applicable.</li> </ul>                                                                                                                                                                                                    |
| <b>Sample Security</b>                                         | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Sample dispatch was carried out by contracted geological personnel. Samples were dispatched via Followmont Transport in Moranbah and were delivered to the SGS lab in Paget, Mackay.</li> </ul>                               |
| <b>Audits or Reviews</b>                                       | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Xenith Consulting was responsible for in-field data and sample collection for 2019 drilling. Lab Analysis protocols were developed by M Resources in discussion with Xenith Consulting, SGS and Bowen Coking Coal.</li> </ul> |

Table 1 - Borehole seam intercepts with coal seam recoveries for core holes drilled on MDL 444 &amp; EPC 830 (April/May 2019)

| HOLE_ID  | EAST<br>MGA94z55 | NORTH<br>MGA94z55 | AHD<br>(m) | TOTAL<br>DEPTH<br>(m) | Azimuth | Dip | SEAM                      | FROM<br>(m) | TO<br>(m) | THICK<br>(m) | Recovery<br>% | COMMENTS             |
|----------|------------------|-------------------|------------|-----------------------|---------|-----|---------------------------|-------------|-----------|--------------|---------------|----------------------|
| PPD001PC | 635970.00        | 7559367.00        | 223.00     | 88.00                 | 0       | -90 | VERMONT UPPER SEAM        | 26.16       | 28.81     | 2.65         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT UPPER SEAM REPEAT | 38.64       | 41.28     | 2.64         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (VU3)        | 70.78       | 74.12     | 3.34         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (V Lower)    | 76.08       | 80.38     | 4.30         | 100%          | Parting of 0.5m      |
|          |                  |                   |            |                       |         |     | GIRRAH                    | 120.21      | 133.41    | 13.20        | 100%          | Banded with partings |
| PPD002PC | 635900.00        | 7559986.00        | 222.00     | 196.00                | 0       | -90 | LEICHHARDT SEAM           | 55.83       | 60.55     | 4.72         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT UPPER SEAM        | 103.01      | 105.59    | 2.58         | 97%           |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (VU3)        | 130.68      | 131.86    | 1.18         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (V Lower)    | 132.69      | 134.91    | 2.22         | 100%          | Parting of 0.7m      |
| PPD003PC | 635611.00        | 7559923.00        | 226.00     | 142.00                | 0       | -90 | VERMONT UPPER SEAM        | 41.76       | 44.57     | 2.81         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (VU3)        | 66.97       | 69.52     | 2.55         | 99%           |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (V Lower)    | 72.21       | 74.91     | 2.70         | 100%          |                      |
|          |                  |                   |            |                       |         |     | GIRRAH                    | 112.35      | 136.00    | 23.65        | 100%          | Banded with partings |
| PPD004PC | 635425.00        | 7560237.00        | 230.00     | 172.00                | 0       | -90 | LEICHHARDT SEAM           | 16.63       | 20.53     | 3.90         | 64%           | Top 1.4m weathered   |
|          |                  |                   |            |                       |         |     | VERMONT UPPER SEAM        | 90.81       | 93.40     | 2.59         | 89%           |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (VU3)        | 115.93      | 118.43    | 2.50         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAM (V Lower)    | 121.44      | 123.42    | 1.98         | 100%          |                      |
| PPD005PC | 635494.98        | 7560916.74        | 235.00     | 232.00                | 0       | -90 | LEICHHARDT SEAM           | 138.87      | 143.88    | 5.01         | 100%          |                      |
|          |                  |                   |            |                       |         |     | LEICHHARDT SEAM REPEAT    | 217.64      | 222.55    | 4.91         | 98%           |                      |
| PPD006PC | 636115.00        | 7559912.00        | 240.00     | 179.00                | 0       | -90 | LEICHHARDT SEAM           | 104.93      | 110.51    | 5.58         | 100%          |                      |
|          |                  |                   |            |                       |         |     | VERMONT SEAMS             | 166.53      | 168.90    | 2.37         | 100%          |                      |

Table 2 – Raw coal quality results for core holes all holes. (PPD002PC ,PPD006PC (June 2019), PPD001PC and PPD004PC (July 2019))

| HOLE_ID  | SEAM | FROM   | Thickness (m) | Relative Density (g/cc) | Moisture % | Ash % | Volatile Matter % | Fixed Carbon % | Total Sulphur % | Crucible Swelling Number (CSN) |
|----------|------|--------|---------------|-------------------------|------------|-------|-------------------|----------------|-----------------|--------------------------------|
| PPD002PC | LHD  | 55.83  | 4.72          | 1.50                    | 0.9        | 18.3  | 19.6              | 61.3           | 0.44            | 3 $\frac{1}{2}$                |
|          | VU2  | 103.34 | 2.25          | 1.35                    | 1.1        | 12.1  | 20.9              | 65.9           | 0.40            | 6 $\frac{1}{2}$                |
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|          | VU2  | 166.53 | 2.37          | 1.35                    | 0.9        | 15.5  | 20.7              | 63.0           | 0.48            | 5 $\frac{1}{2}$                |
| PPD004PC | LHD  | 16.63  | 3.90          | 1.53                    | 12.1       | 10.4  | 21.9              | 55.7           | 0.21            | 0                              |
|          | VU2  | 91.17  | 2.23          | 1.39                    | 1.5        | 9.5   | 20.6              | 68.4           | 0.55            | 4 $\frac{1}{2}$                |
| PPD001PC | VU2  | 26.33  | 2.48          | 1.34                    | 1.4        | 10.4  | 20.3              | 67.9           | 0.51            | 7                              |
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| PPD005PC | LHD  | 138.87 | 5.01          | 1.50                    | 1.5        | 18.4  | 21.0              | 59.1           | 0.21            | 3                              |
|          | LHD  | 217.64 | 4.91          | 1.43                    | 1.3        | 13.7  | 19.6              | 65.5           | 0.26            | 4 $\frac{1}{2}$                |

## SECTION 2 REPORTING OF EXPLORATION RESULTS

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                       | JORC Code Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |            |                         |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------------------|-----------|------------|--------|-----|-----|------------|-----|-----|-------------------------|-----|-----|------------|-----|---|-------------------------|
| <b>Mineral Tenement and Land Tenure Status</b> | <ul style="list-style-type: none"><li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li><li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li></ul> | <ul style="list-style-type: none"><li>MDL 444 and EPC 830 are located approximately 27km south east of Moranbah and lies adjacent and east of the existing Daunia coal mine.</li><li>Coking Coal One Pty Ltd, a wholly-owned subsidiary of Bowen Coking Coal Ltd owns 100% of MDL 444 and EPC 830.</li></ul> <table><tr><th>Tenure</th><th>Tenure No.</th><th>Expiry</th><th>Area (ha)</th><th>Sub-blocks</th><th>Holder</th></tr><tr><td>MDL</td><td>444</td><td>31/01/2022</td><td>433</td><td>n/a</td><td>Coking Coal One Pty Ltd</td></tr><tr><td>EPC</td><td>830</td><td>08/01/2019</td><td>n/a</td><td>7</td><td>Coking Coal One Pty Ltd</td></tr></table> <ul style="list-style-type: none"><li>The project area is currently used for livestock grazing.</li><li>BHP Mitsubishi Alliance's Daunia Mine overlaps part of EPC 830.</li></ul> | Tenure    | Tenure No. | Expiry                  | Area (ha) | Sub-blocks | Holder | MDL | 444 | 31/01/2022 | 433 | n/a | Coking Coal One Pty Ltd | EPC | 830 | 08/01/2019 | n/a | 7 | Coking Coal One Pty Ltd |
| Tenure                                         | Tenure No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Expiry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Area (ha) | Sub-blocks | Holder                  |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |
| MDL                                            | 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 31/01/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 433       | n/a        | Coking Coal One Pty Ltd |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |
| EPC                                            | 830                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 08/01/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | n/a       | 7          | Coking Coal One Pty Ltd |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |
| <b>Exploration Done by Other Parties</b>       | <ul style="list-style-type: none"><li>Acknowledgment and appraisal of exploration by other parties.</li></ul>                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>Historic drilling undertaken by other parties in the lease area was reviewed by previous holders, Aquila Coal/Bowen Central Coal and included into the geological model where possible.</li><li>Utah Development Co Ltd during 1964-69 drilled 21 holes into EPC 6, 2 core holes within EPC 830 to the south of MDL 444. Most holes intersect uneconomic coal measure of the RCM and FCCM</li><li>Peabody Coppabella Pty Ltd drilled 7 stratigraphic holes into EPC 649 (1997) coinciding with EPC 830.</li></ul>                                                                                                                                                                                                                                                                                            |           |            |                         |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |
| <b>Geology</b>                                 | <ul style="list-style-type: none"><li>Deposit type, geological setting and style of mineralisation.</li></ul>                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>MDL 444 lies within the Northern Bowen Basin. The Bowen Basin covers an area estimated at 60,000 Km<sup>2</sup> and is categorised as a back arc extensional foreland basin of Permo– Triassic age.</li><li>The Isaac River area is located in the northern part of the Permo-Triassic Bowen</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |            |                         |           |            |        |     |     |            |     |     |                         |     |     |            |     |   |                         |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Basin containing principally fluvial and some marine sediments. The Bowen Basin is part of a connected group of Permo-Triassic basins in eastern Australia which includes the Sydney and Gunnedah Basins. The Basins axis orientation is NNW-SSE roughly parallel to the Palaeozoic continental margin. Tectonically, the basin can be divided into NNW-SSE trending platforms or shelves separated by sedimentary troughs. The units from west to east are the Springsure Shelf, Denison Trough, Collinsville Shelf/Comet Platform, Taroom Trough, Connors and Auburn Arches (interrupted by the Gogango Overfolded Zone) and the Marlborough Trough. Development of the basin in the Early Permian was in the form of a half graben which subsequently became areas of regional crustal sag. Variations in depositional patterns and deformation styles occur along strike suggesting the possibility of NE trending deep seated crustal transfer faults, evidence for such occurs at the neighbouring Isaac Plains Mine.</p> <ul style="list-style-type: none"> <li>• The target seams for the 2019 drilling are the Leichhardt Seam (LL2), Vermont Upper Seam (VU1/VU2), Vermont Lower Seams (VU3, VL1 &amp; VL2) and one hole targeted the top 10m of the Girrah Seam where it was relatively shallow.</li> <li>• Note. There has been a seam nomenclature change from historic work carried out by the previous owners of the Isaac River Project. In previous studies there was reference to the Leichhardt Lower seam which was not targeted in coring but was intersected in open holes. With further research it is now interpreted that the previous Leichhardt Lower Seam is actually the Vermont Upper Seam (VU1/VU2).</li> </ul> |
| <b>Drill Hole Information</b> | <ul style="list-style-type: none"> <li>• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>– easting and northing of the drill hole collar</li> <li>– elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>– dip and azimuth of the hole</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Table 1. outlines borehole data for the 6 partially cored holes including position, orientation, depth and intersection data.</li> <li>• Note* The shallow Leichhardt seam intersection in PPD004PC is 3.9m thick which is due to the seam being partially weathered.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                         | <ul style="list-style-type: none"> <li>– down hole length and interception depth</li> <li>– hole length.</li> <li>• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                         |
| <b>Data Aggregation Methods</b>                                         | <ul style="list-style-type: none"> <li>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>• Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul> | <ul style="list-style-type: none"> <li>• Lithology logs were corrected to geophysics and sample data exported and provided to M Resources to composite samples and present lab instructions to SGS, Paget.</li> <li>• Raw coal quality data has been returned for all the holes, and is outlined in Table 2.</li> </ul> |
| <b>Relationship Between Mineralisation Widths and Intercept Lengths</b> | <ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• All holes were drilled vertical.</li> </ul>                                                                                                                                                                                                                                    |
| <b>Diagrams</b>                                                         | <ul style="list-style-type: none"> <li>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Map included with announcement</li> </ul>                                                                                                                                                                                                                                      |
| <b>Balanced Reporting</b>                                               | <ul style="list-style-type: none"> <li>• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Seam intercepts included in Table 1.</li> </ul>                                                                                                                                                                                                                                |

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                      |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | practiced to avoid misleading reporting of Exploration Results.                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                      |
| <b>Other Substantive Exploration Data</b> | <ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul> | <ul style="list-style-type: none"> <li>Seismic Surveys were conducted by the previous holder (Aquila Coal Pty Ltd) in June 2014. Lines included 2 across strike (east-west), and 1 along strike (north-south) for 11.6km.</li> </ul> |
| <b>Further Work</b>                       | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                                     | <ul style="list-style-type: none"> <li>Further work may include additional coal quality coring, structure holes, sub-crop drilling as well as geotechnical investigations.</li> </ul>                                                |