



9<sup>th</sup> October 2014

The Manager Companies  
ASX Limited  
20 Bridge Street  
Sydney, NSW, 2000

Dear Madam

## JORC Resource Upgrade at Baralaba North to 92.3 Mt

### Highlights

- **41% increase in Measured Resources**
- **44% increase in Indicated Resources**
- **Quality analysis confirms continuation of premium ULV PCI coal**
- **Upgrade achieved at a significantly reduced cost**

Cockatoo Coal Limited ("Cockatoo") is pleased to announce the upgrade of JORC Resources at the Baralaba North mine to 92.3 million tonnes.

The Baralaba North mine is Cockatoo's flagship coal asset, located approximately 200km west of the Port of Gladstone. Cockatoo is currently mining approximately 1 million tonnes per annum of Ultra-Low Volatile Pulverized Coal Injection (PCI) coal within the Baralaba mining complex, and is undertaking an expansion program to produce 3.5 million tonnes of saleable coal per annum. The additional coal Resources will underpin a further JORC Reserve upgrade at Baralaba North.

Cockatoo has completed a targeted drilling campaign which included over 360 new drillholes within the Baralaba North mine tenures (ML 80169 & 80170, MDL 184 & 416 and EPC 1047) since the last Baralaba North mine JORC Statement in April 2013. Significantly, this campaign has resulted in an upgrade of 41% in Measured Resources, 44% in indicated Resources and 26% increase in total Resource tonnes at the Baralaba North mine. Quality analysis confirms that the coal measures extending to the North are contiguous with the existing Baralaba North and Central mining operations, with a premium PCI coal product being present.

Cockatoo has achieved the upgraded results at a reduced cost compared to previous drilling campaigns. An approximate saving of 35% of previously expected drilling costs was achieved, which is predominantly due to a reduction in the number of holes required to appropriately define JORC Resources. The reduction is a benefit of the experience gained by Cockatoo over the past 8 years exploring within the Baralaba coal measures.

**Table 1: Baralaba North – Resource Classification in Accordance with JORC Code (2012)**

Deposit	Tenement	Measured (Mt)	Indicated (Mt)	Inferred (Mt)	Total (Mt)
Baralaba North	ML 80169 & 80170, MDL 184 & 416 and EPC 1047	35.8	33.8	22.7	92.3



## Managing Director Commentary

Managing Director of Cockatoo, Mr Andrew Lawson, noted that the upgrades were further significant progress by the Company towards its ambitions of expanding the Baralaba mine complex. “The recent drilling campaign has delivered excellent results, with a notable increase of known coal Resources at Baralaba. Importantly for shareholders, we have completed the Resource upgrades at a significantly reduced cost. These results lay a solid foundation for next quarter to convert the Resource estimate into a Reserve upgrade, further highlighting the quality of the Baralaba mine complex.” he said.

For more information, please contact

**Andrew Lawson**  
Managing Director  
Cockatoo Coal Limited

P +61 7 3640 4700  
F +61 7 3640 4799  
E [info@cockatoocoal.com.au](mailto:info@cockatoocoal.com.au)

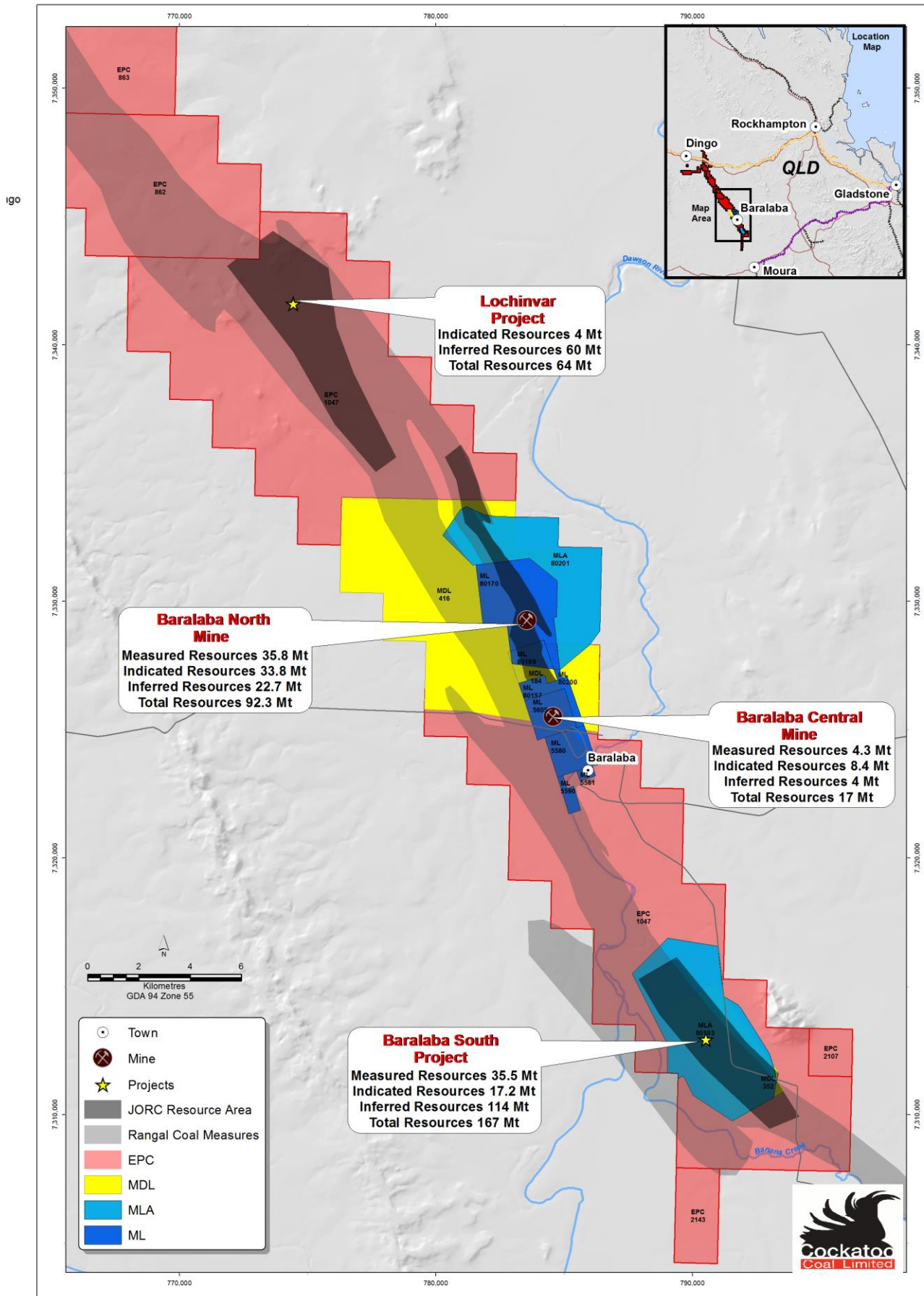
**Table 2: Baralaba North – Coal Resources – Resource Classification in Accordance with JORC Code (2012)**

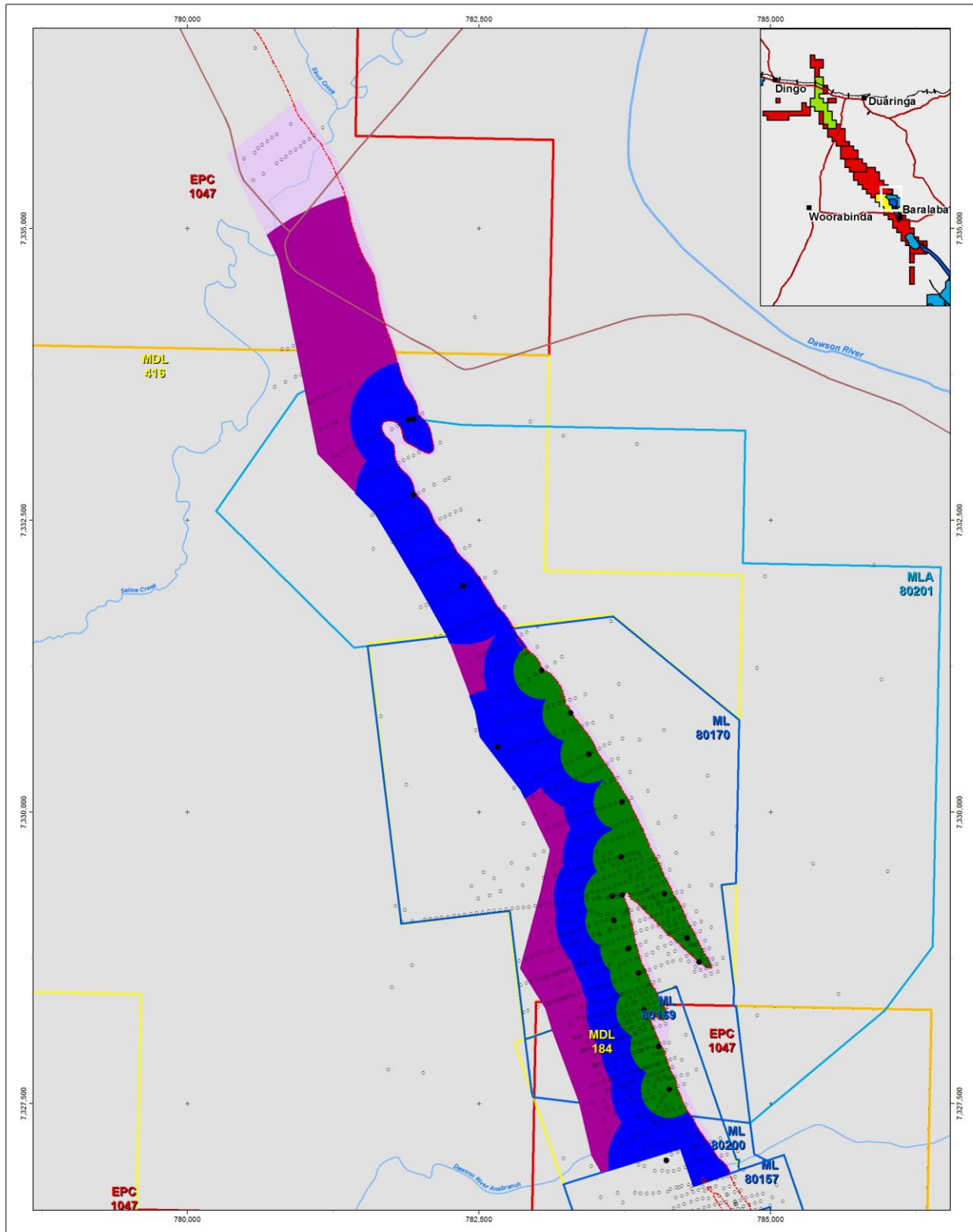
Resource Category	Value	Baralaba Coal Measures									Total Insitu Tonnes (Mt)
		Boyd	Cameron	Reid	Doubtful	Dawson	Dunstan	Wright	Coolum	Dirty	
Measured	Volume (Mm <sup>3</sup> )		0.60	1.81	2.68	1.48	3.28	2.80	7.09	5.12	
	True Thickness (m)		2.34	1.69	1.78	1.62	2.83	2.24	4.66	2.98	
	Insitu Density (t/m <sup>3</sup> )		1.46	1.45	1.45	1.47	1.44	1.52	1.40	1.43	
	<b>Sub-total Tonnes</b>		<b>0.9</b>	<b>2.6</b>	<b>3.9</b>	<b>2.2</b>	<b>4.7</b>	<b>4.3</b>	<b>9.9</b>	<b>7.3</b>	<b>35.8</b>
Indicated	Volume (Mm <sup>3</sup> )		2.85	1.21	3.23	1.19	3.16	2.96	5.58	3.80	
	True Thickness (m)		2.11	1.31	1.55	1.89	2.94	3.08	4.74	3.03	
	Insitu Density (t/m <sup>3</sup> )		1.42	1.43	1.42	1.46	1.39	1.45	1.38	1.40	
	<b>Sub-total Tonnes</b>		<b>4.1</b>	<b>1.7</b>	<b>4.6</b>	<b>1.7</b>	<b>4.4</b>	<b>4.3</b>	<b>7.7</b>	<b>5.3</b>	<b>33.8</b>
Inferred	Volume (Mm <sup>3</sup> )	2.41	1.33	1.87	2.53	0.40	2.09	2.09	2.21	1.20	
	True Thickness (m)	1.24	1.58	2.29	1.85	0.91	4.07	3.46	4.09	3.11	
	Insitu Density (t/m <sup>3</sup> )	1.43	1.41	1.41	1.42	1.47	1.39	1.43	1.37	1.39	
	<b>Sub-total Tonnes</b>	<b>3.4</b>	<b>1.9</b>	<b>2.6</b>	<b>3.6</b>	<b>0.6</b>	<b>2.9</b>	<b>3.0</b>	<b>3.0</b>	<b>1.7</b>	<b>22.7</b>
<b>Grand Total Tonnes (Mt)</b>		<b>3.4</b>	<b>6.8</b>	<b>7.0</b>	<b>12.0</b>	<b>4.5</b>	<b>12.0</b>	<b>11.5</b>	<b>20.7</b>	<b>14.3</b>	<b>92.3</b>



- Notes:
- Volumes and tonnages have been rounded.
  - Samples with raw ash (adb), volatile matter, Carbon (from Ultimate Analysis) and Relative Density (adb) were assigned an in situ moisture of 3% from the resultant ACARP C10041 and ACARP C10042 formulas.
  - Tonnages are estimated as in situ using the Preston Sanders in situ density estimation method.
  - The project area is within EPC 1047, MDL 184, MDL 416, ML 80169 & ML 80170.
  - The target mineralisation is the Permian Baralaba coal measures.
  - The coal is found in 11 seam groups – in ascending stratigraphic order; Sub-Dirty, Dirty, Coolum, Wright, Dunstan, Dawson, Doubtful, Reid, Cameron, Boyd and Moody. Resources have been estimated only for the Dirty, Coolum, Wright, Dunstan, Dawson, Doubtful, Reid, Cameron and Boyd seam groups.
  - A minimum seam thickness of 0.1 metres and maximum raw ash cut-off of 45 % (adb) has been used.
  - A depth cut of 200 m has been used to limit the resources as well as limited to the west by a strip ratio cut-off of ~ 15: 1 BCM of waste per in-situ tonne of coal.
  - A stratigraphic model generated in Minescape has been used. Gridded seam surfaces, base of tertiary and weathering surfaces have been created on a 20 m by 20 m grid cell size. All seams are clipped to the base of weathering.
  - The coal present is semi-anthracite, low volatile PCI coal.
  - Resource classification was developed from the confidence levels of key criteria including drilling methods, geological understanding and interpretation, sampling, data density and location, grade estimation and quality. This classification was completed in accordance with the guidelines as set out in the JORC Code (2012).

**Table 3: Baralaba North – Average Raw Quality by Seam**

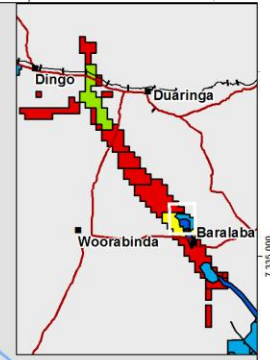
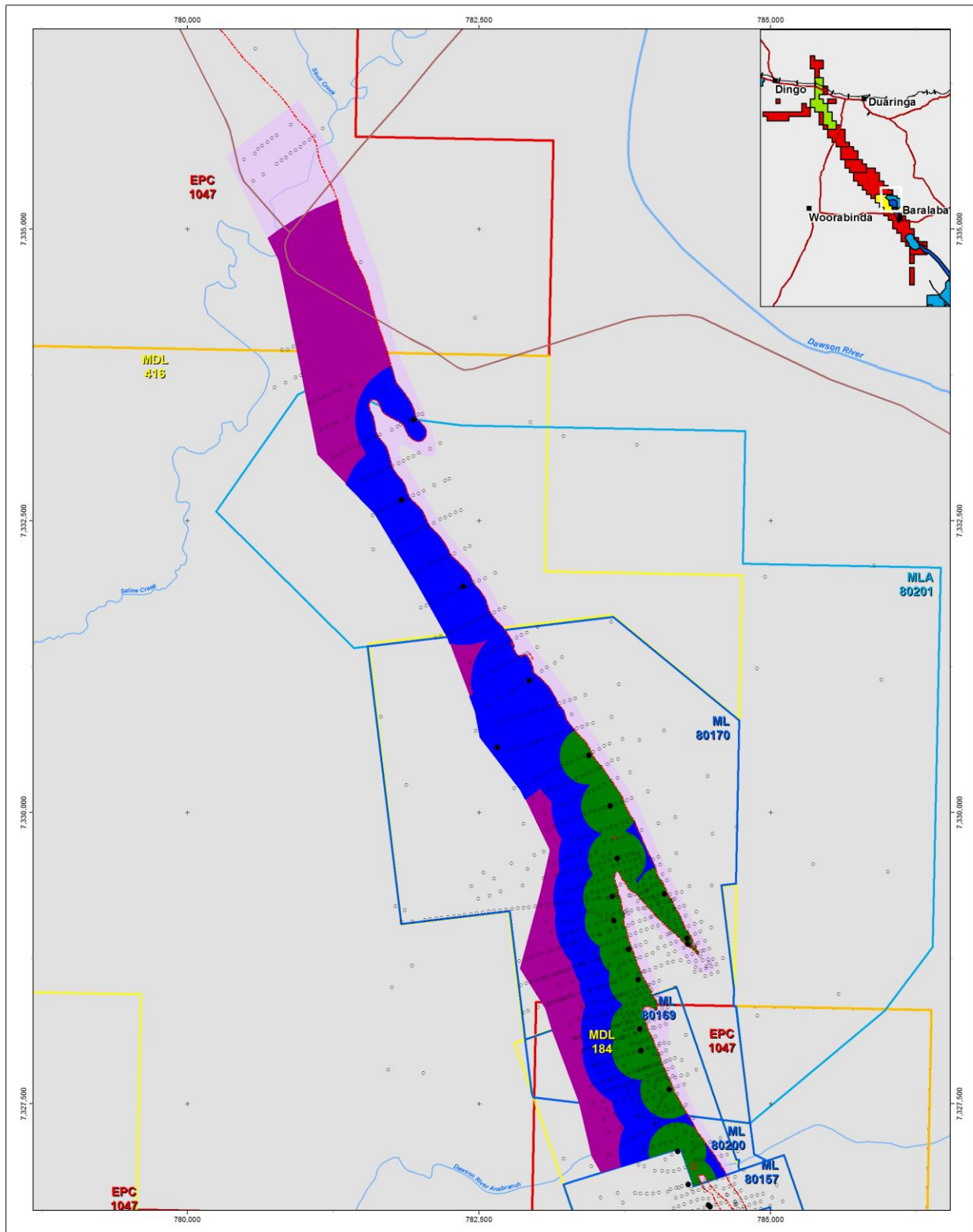
Seam Name	Inherent Moisture % (ad)	Ash % (ad)	Volatile Matter % (ad)	Fixed Carbon % (ad)	Specific Energy Mj/kg (ad)	Total Sulphur % (ad)	Relative Density gm/cc (ad)
Boyd	1.2	14.8	13.5	70.5	30.01	0.73	1.43
Cameron	1.3	15.7	13.4	69.6	29.44	0.95	1.44
Reid	1.3	14.9	12.5	71.4	30.06	0.78	1.44
Doubtful	1.2	15.3	12.5	70.7	29.95	0.69	1.44
Dawson	1.5	12.7	13.6	72.2	30.50	0.69	1.47
Dunstan	1.3	10.8	12.3	75.7	31.63	0.65	1.42
Wright	1.4	16.2	11.9	70.5	29.47	0.76	1.48
Coolum	1.3	8.5	11.5	78.6	32.42	0.48	1.40
Dirty	1.3	12.1	11.2	75.3	30.91	0.48	1.42




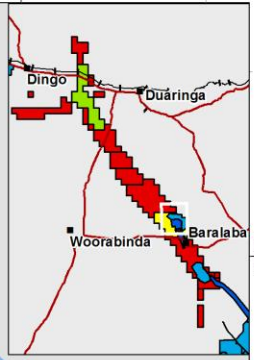
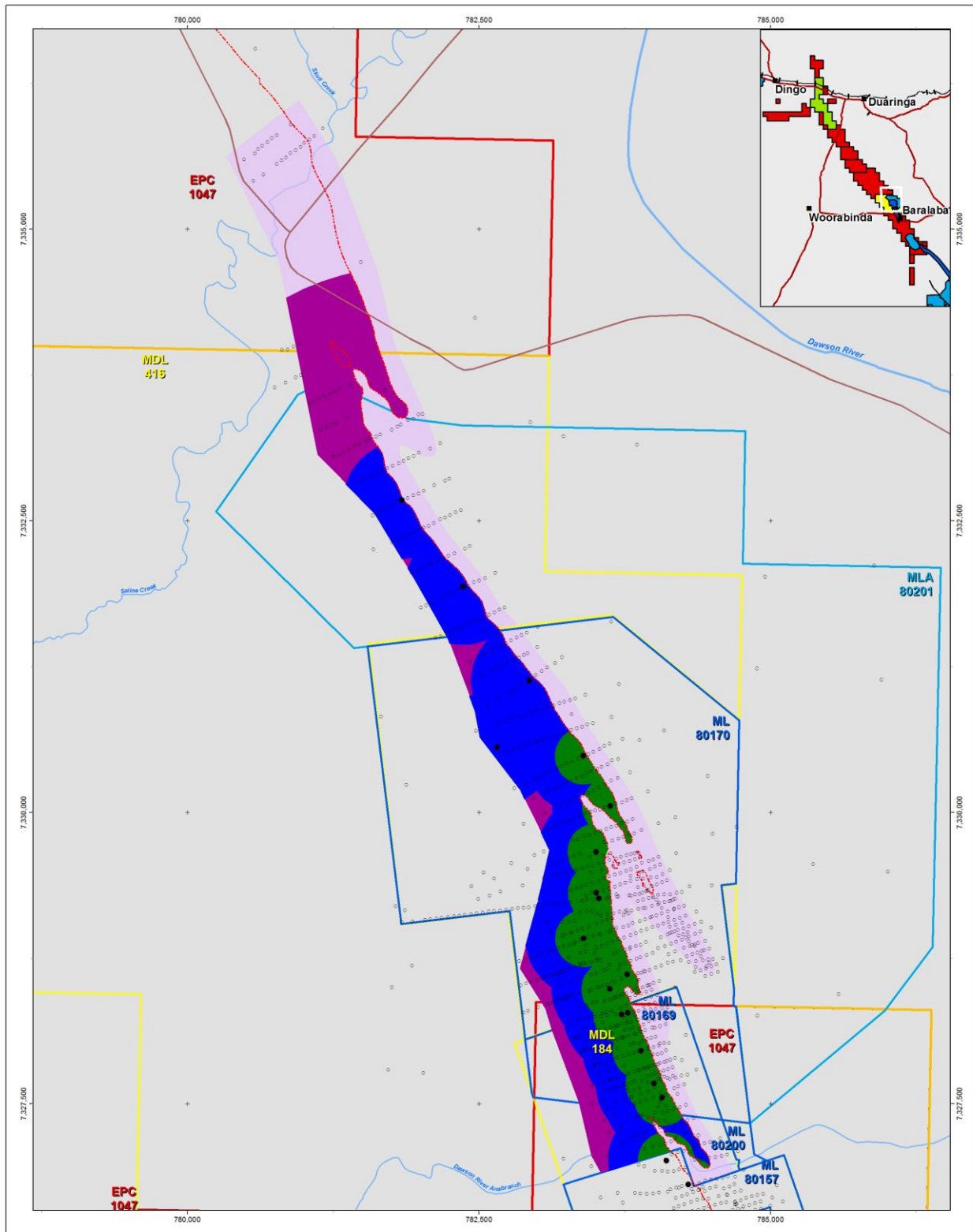


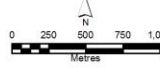

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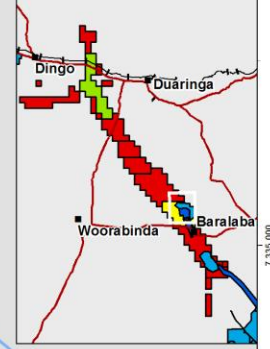
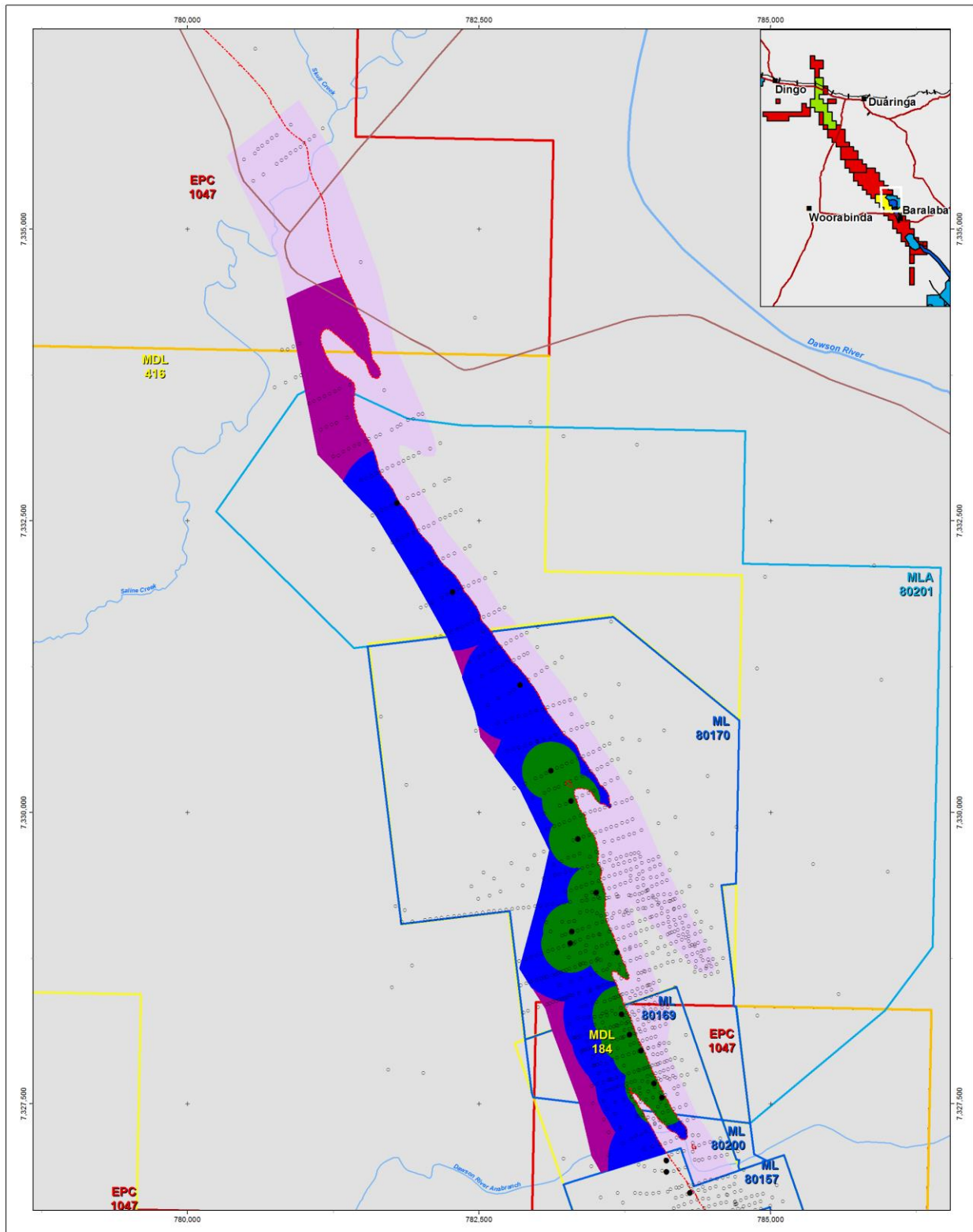


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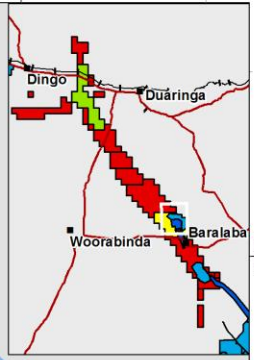
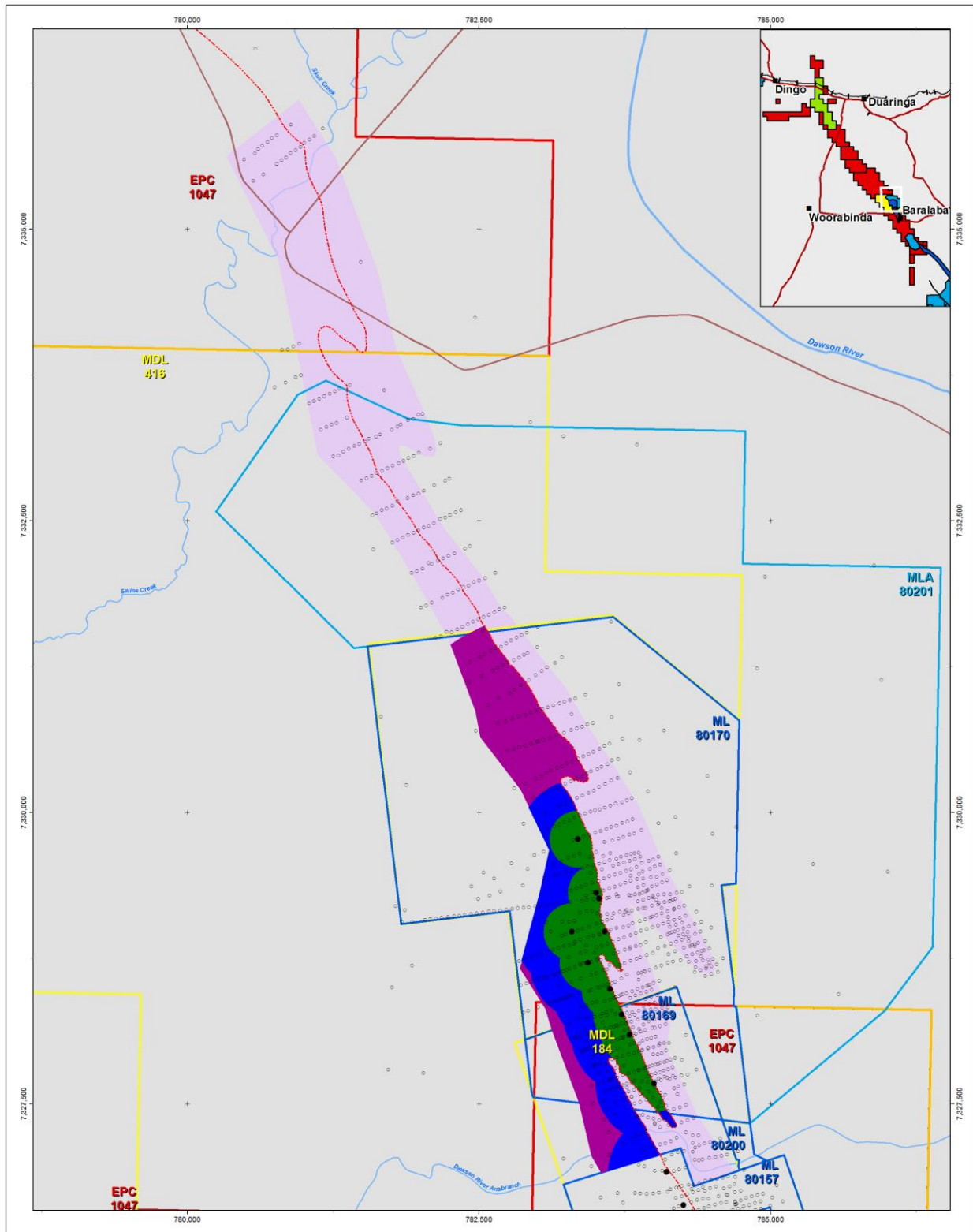


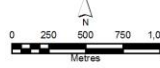

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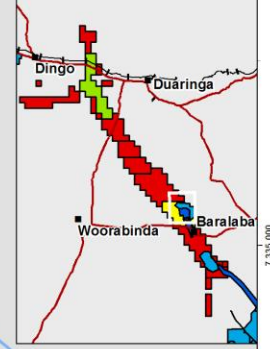
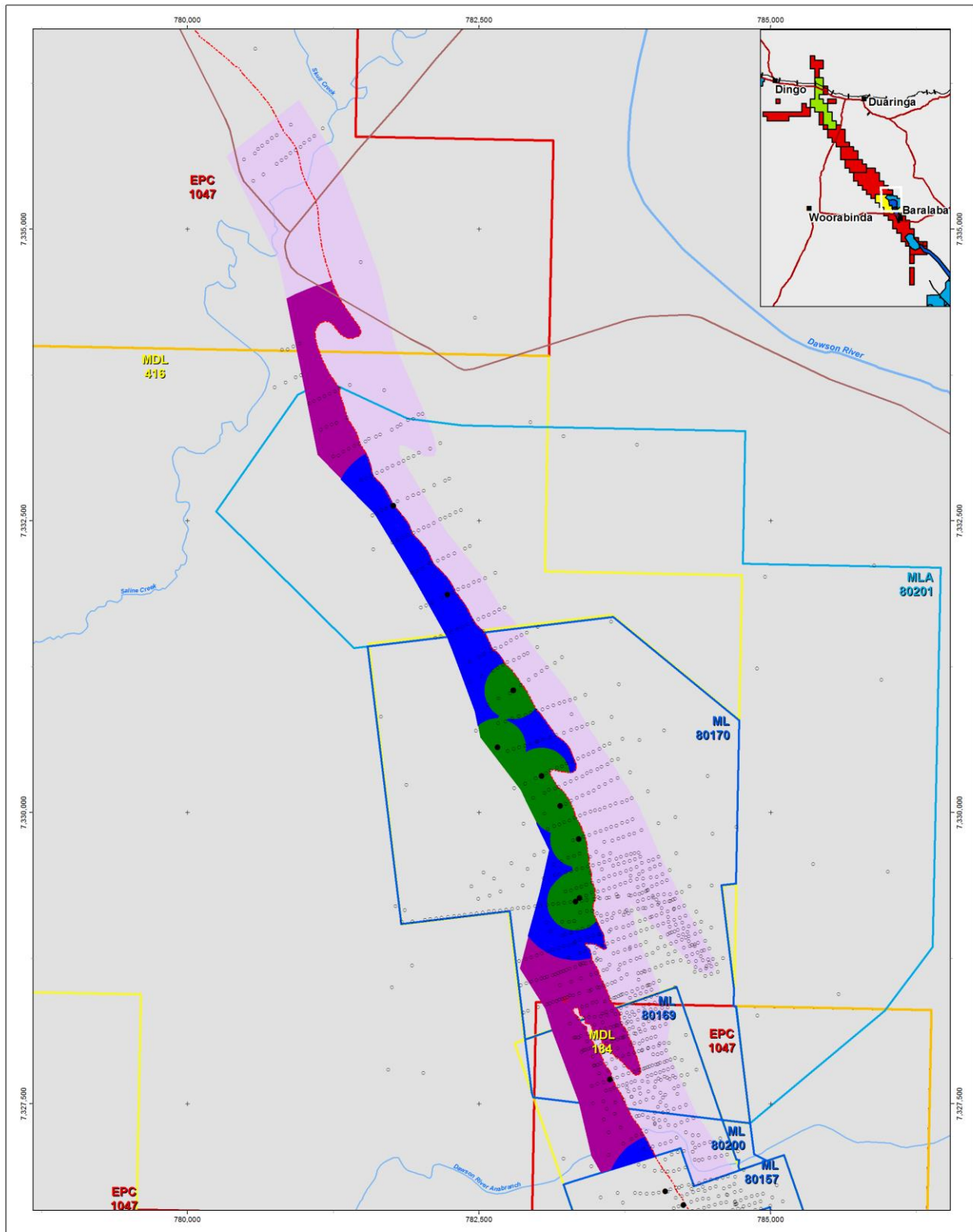


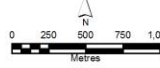



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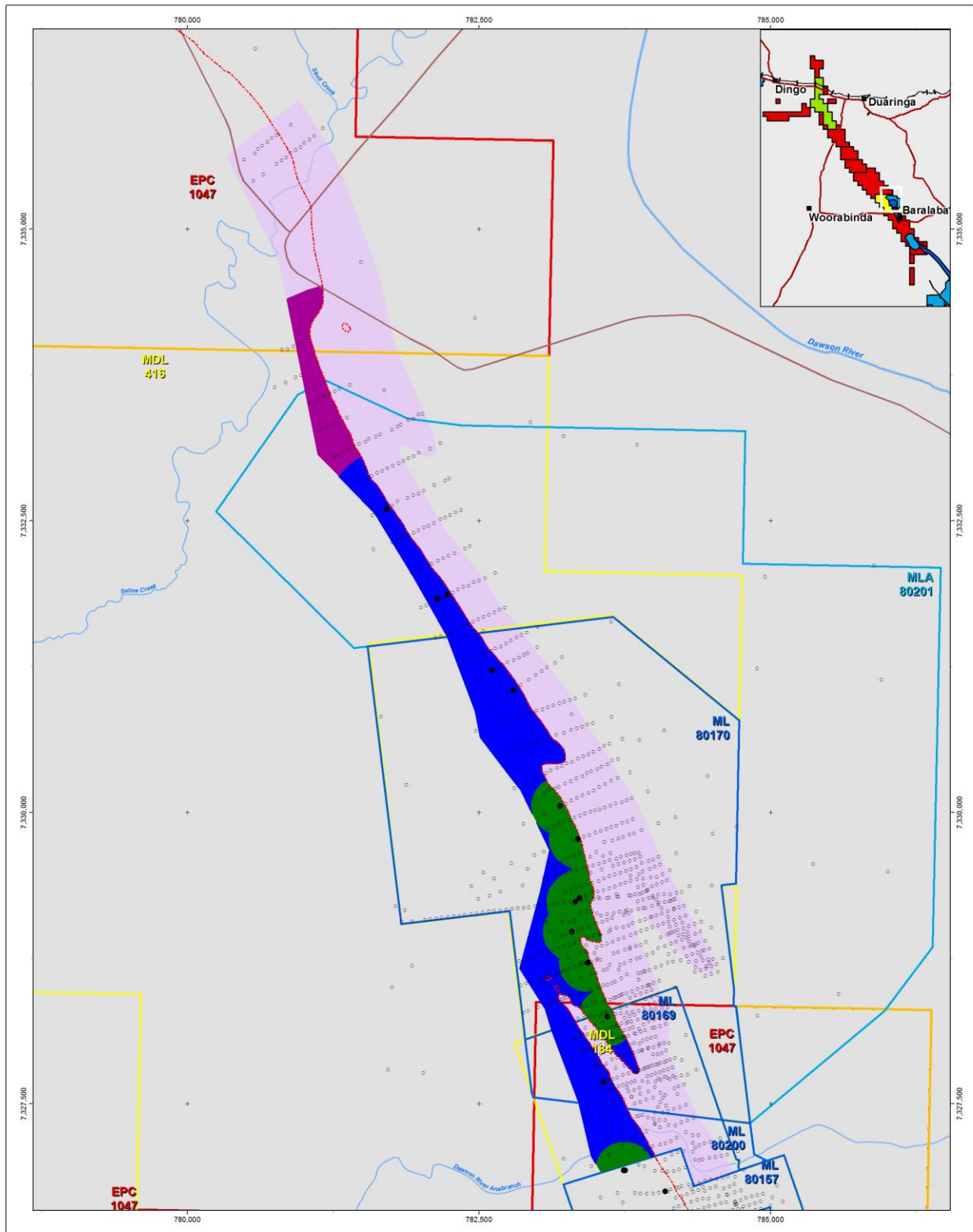


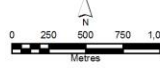

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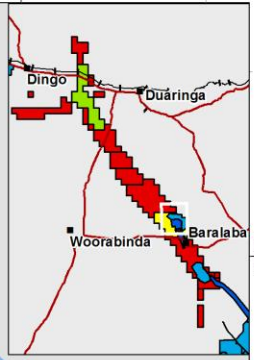
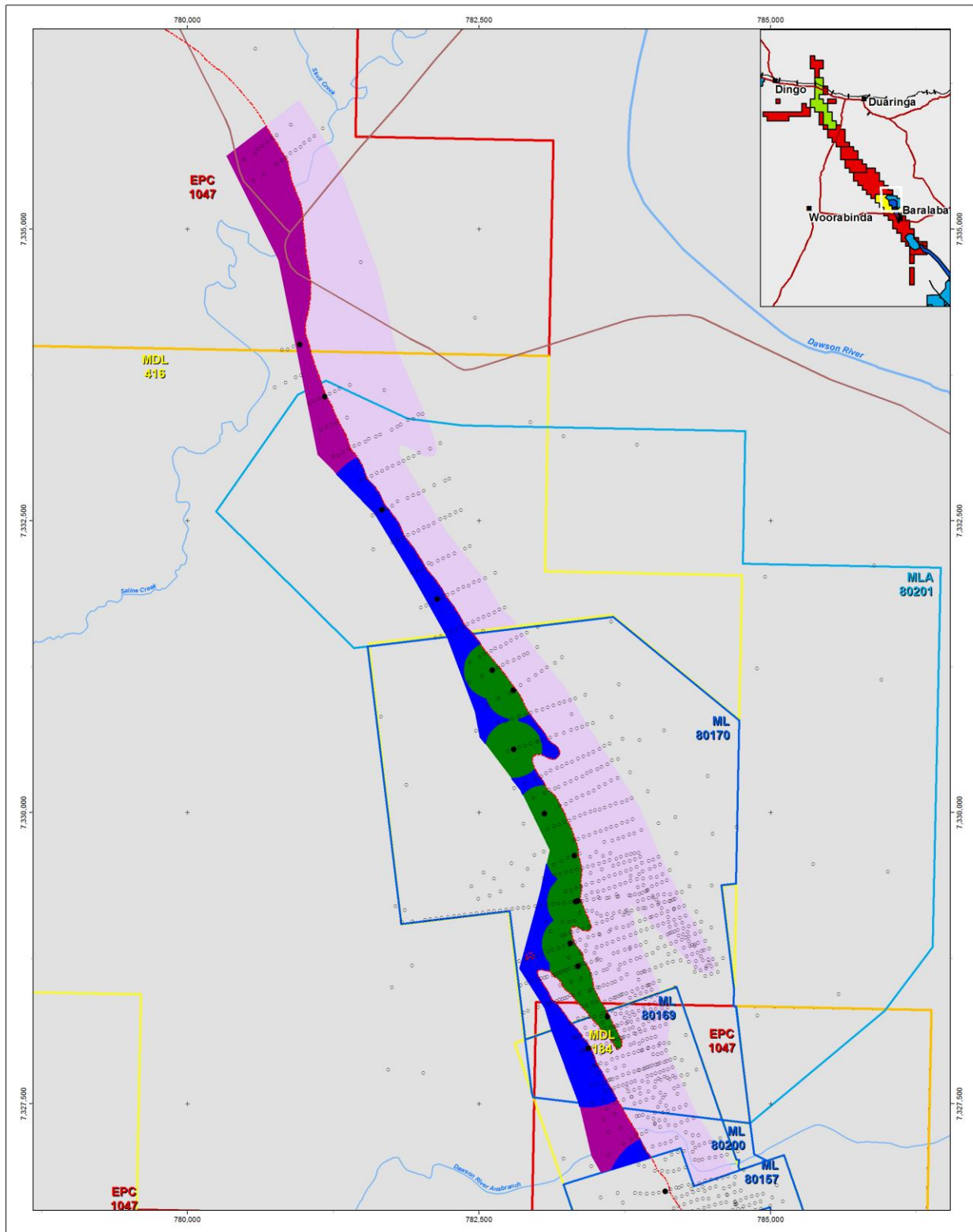


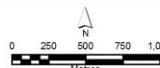

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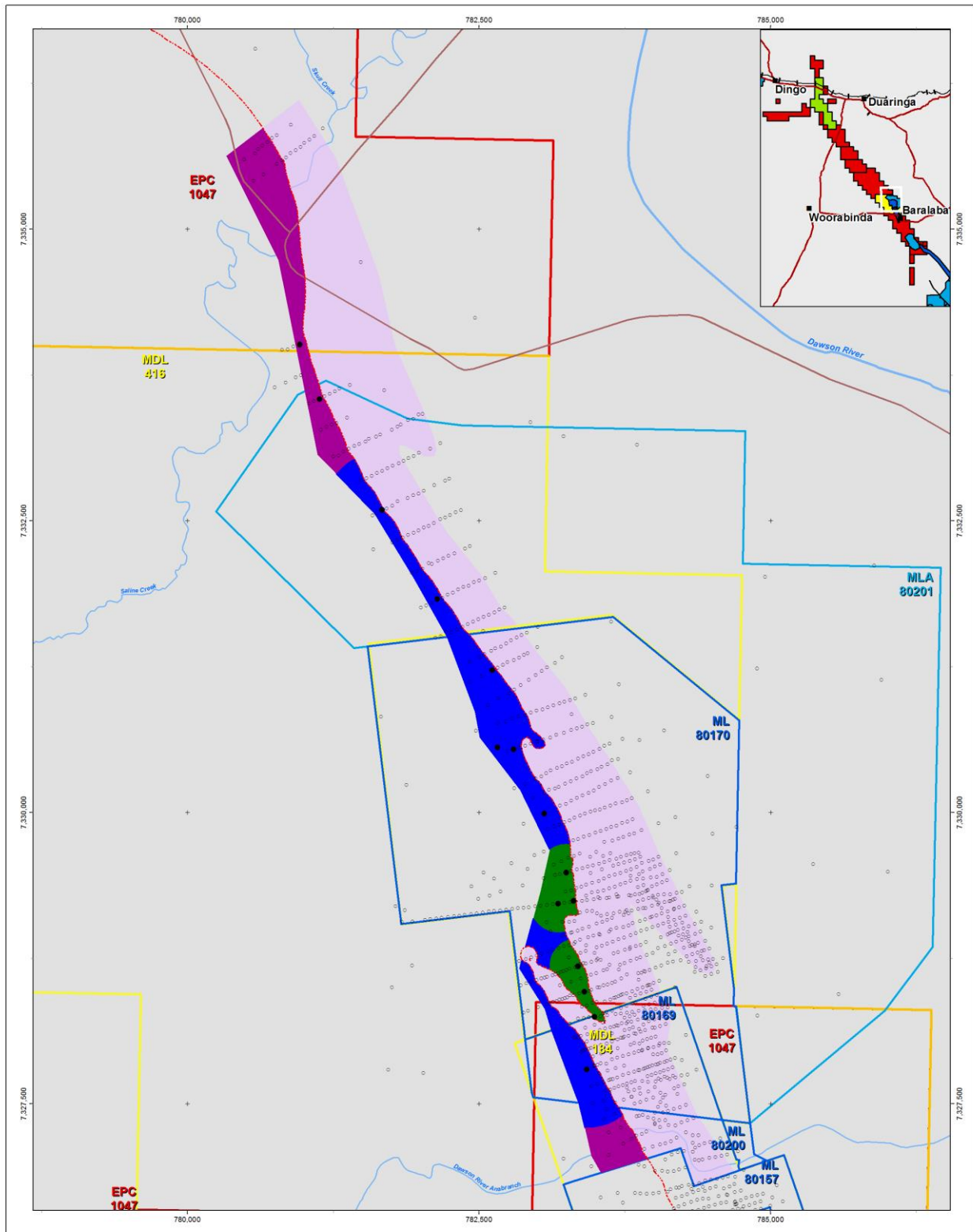


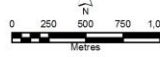

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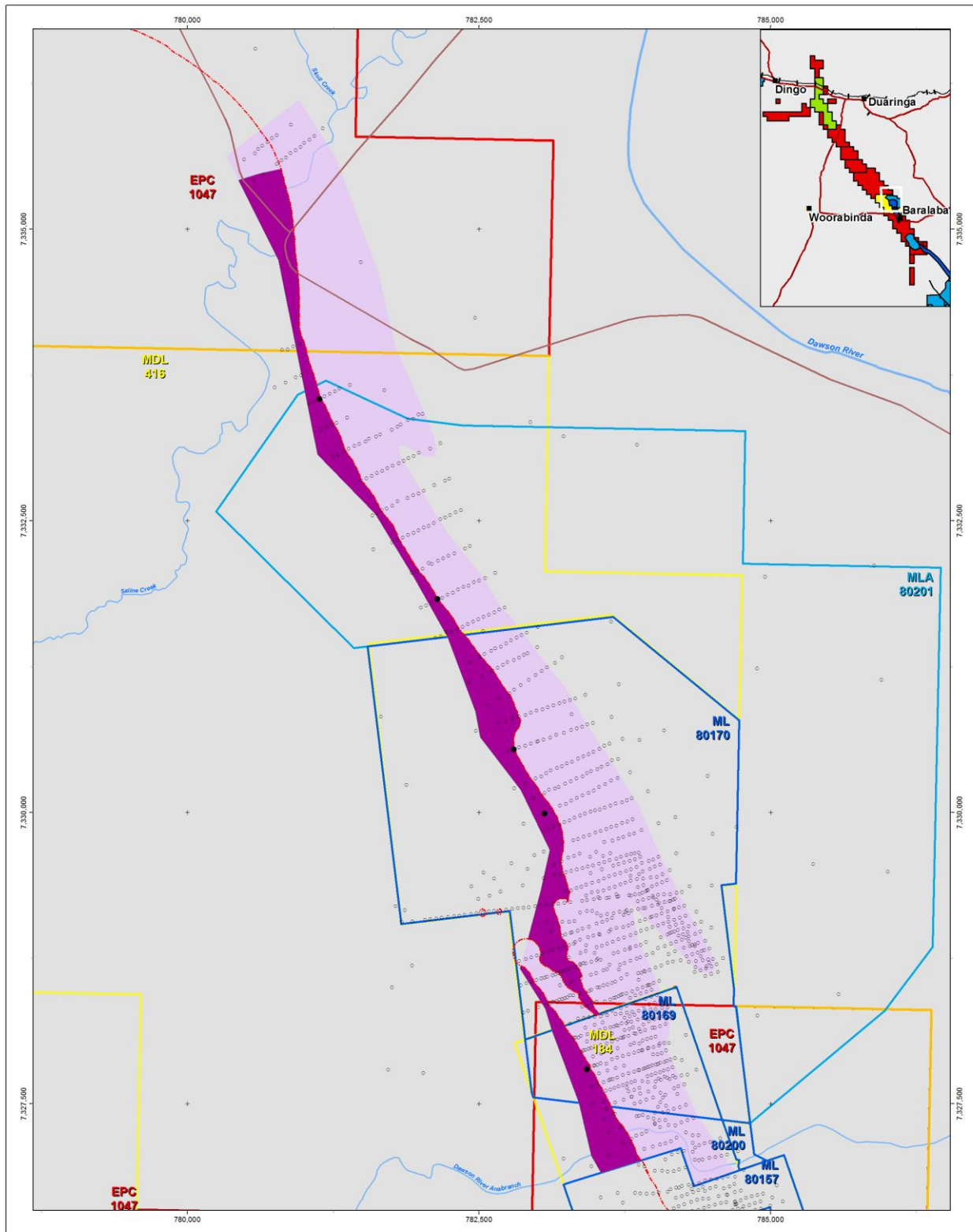
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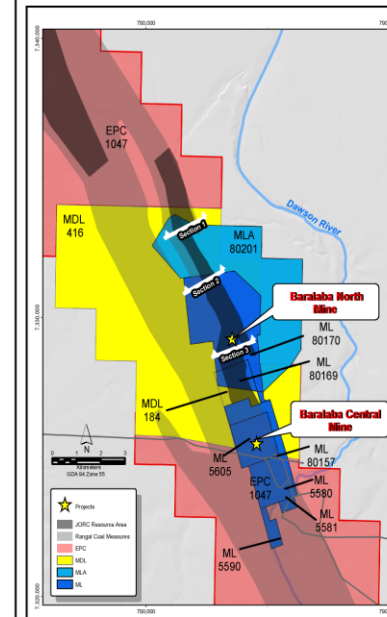
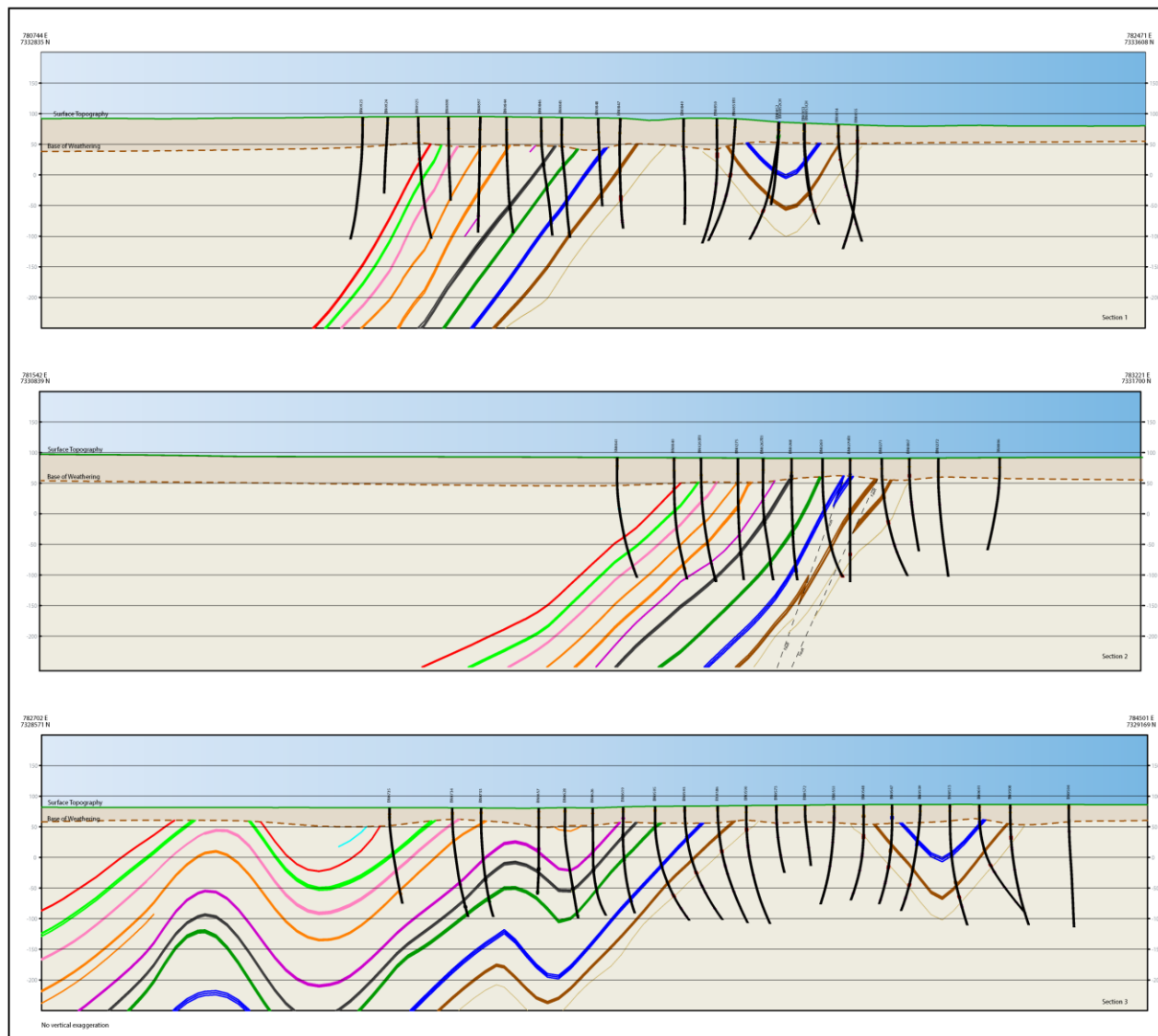


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## Competent Persons Statement

The information in this Report that relates to Cockatoo's Exploration Results, Mineral Resources and Ore Reserves is based on information compiled by Mr Richard Punt and Mr Lyndon Pass, who are both members of the Australasian Institute of Mining and Metallurgy (AusIMM).

Mr Punt is a full time employee of Cockatoo Coal Limited and holds the position of General Manager - Geology. Other than salaried remuneration and a minor shareholding in Cockatoo Coal, Mr Punt does not have any financial interests in any of Cockatoo Coal's projects or the outcome of the Report.

Mr Punt has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Punt consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Mr Punt signed off as Competent Person for the validity of field data for the Baralaba North mine.

Mr Pass is a Principal Geologist/Director with Encompass Mining Pty Ltd engaged by Cockatoo Coal Limited as a consultant Resource Geologist. He has sufficient experience which is relevant to the style of mineralisation and type of deposit 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 Pass consents to the inclusion in the report of the matters based on the information in the form and context in which it appears. Mr Pass signed off as competent person for the Resource estimate for Cockatoo Coal's Baralaba North mine.

Mr Pass is a consultant to Cockatoo Coal Limited, other than consultant fees, Mr Pass does not have any financial interests in any of Cockatoo Coal's projects or the outcome of the Report. Mr Pass is a minor shareholder in Cockatoo Coal Limited as a result of the recent takeover of Blackwood Corporation Limited by Cockatoo Coal Limited.



## Appendix 1 – JORC Code, 2012 Edition – Table 1

This appendix details sections 1, 2 & 3 of the JORC Code 2012 Edition Table 1. Section 4 ‘Estimation & Reporting of Ore Reserves’ & Section 5 ‘Estimation & Reporting of Diamonds & other Gemstones’ have been excluded as they are not applicable to this deposit and estimation.

### Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections)

Criteria	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>All seams intersected in core holes greater than 10cm in thickness were sampled.</li> <li>Stone bands greater than 10 cm thickness were sampled separately to the coal.</li> <li>All core sample depths were recorded according to depths maintained by the rig geologist. These depths were determined by a combination of driller depths and the geologists own recorded depths according to core loss and gain.</li> <li>All sampled core was double bagged and labelled on site. Samples were given unique sample numbers and documented in a sample summary sheet.</li> <li>Coal quality core samples were prepared and analysed using Australian Standard testing procedures (AS4264.1).</li> <li>Coal quality analysis was undertaken by Bureau Veritas Pty Ltd and SGS Australia Ltd.</li> <li>Coal testing undertaken by Cockatoo Coal was on primarily 4C core (100 mm diameter), but some limited HQ and large diameter (200 mm) occurred.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>All quality holes were partially cored.</li> <li>All structural holes were either fully chipped open holes using blade, hammer or PCD bits or partially cored holes.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Each core hole was reviewed for linear core recovery based on measured recovered thicknesses and geophysical log thicknesses.</li> <li>Core holes with linear seam recoveries of &gt;90% were used as points of observation.</li> <li>Cored seams with recoveries of less than 90% were not used as coal quality points of observation.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>All cored holes were geologically logged, marked up and photographed before sampling. All geological and geotechnical observations were documented.</li> <li>All open holes were geologically logged and photographed.</li> <li>Historical holes drilled by Allied Queensland Coal (AQC) and Peabody were geologically logged but not photographed.</li> <li>The majority of holes were geophysically logged with at least the following tools: caliper, density, gamma, temperature, verticality and sonic. A few of the historic holes were not logged along with a number of recent holes that had operational problems.</li> <li>The geophysical logging companies maintained and correlated all tools as per their internal calibration procedures.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>All core samples were taken as whole core samples (not halved).</li> <li>Core samples were sampled dry, double bagged on site and transported to the laboratory for testing.</li> <li>All laboratories (Bureau Veritas Pty Ltd and SGS Australia Pty Ltd) used for coal quality analysis comply with Australian Standards for sample preparation and sub-sampling (AS4264.1).</li> <li>All core samples were crushed to a top size of 11.2 mm before analysis, which is common industry practice (AS4264.1) for 4 inch core (100 mm diameter).</li> <li>No duplicate or second half samples were taken.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>All laboratories (Bureau Veritas Pty Ltd and SGS Australia Pty Ltd) used for the coal quality analysis comply with the Australian Standards for all coal quality tests and are certified by the National Association of Testing Authorities, Australia (NATA).</li> <li>The geophysical logging companies (ALS, Century, Coal Seam Wireline Services, Geologging Data Services, Geolog Pty Ltd, Weatherfords) calibrated all geophysical tools using their standard internal calibration procedures.</li> </ul>

<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The coal quality results were verified in the coal quality database using minimum and maximum limits, standard quality tests and chart analysis. Anomalous values were reviewed and queried to the laboratory and either corrected or excluded from quality results.</li> <li>Coal quality verification is also undertaken by the laboratory prior to providing the final results – standard industry checks are performed on the results to ensure they comply with known correlation and minimum and maximum values.</li> <li>Coal quality data is supplied from the laboratory as a PDF and a Microsoft Excel file. The Microsoft Excel file is loaded directly into Micromine's GBIS database which undertakes a set of validation checks (minimum and maximum values, proximate and ultimate analysis total checks) prior to allowing the data to be loaded.</li> <li>Cockatoo Coal have also reviewed and verified coal quality results internally using their own validation procedures.</li> <li>No twinned holes have been used to date for the purpose of coal quality verification.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>Professional survey was undertaken on all drill holes included in the geological model and resource estimate by GE Mining.</li> <li>The grid datum used is GDA 94 and the projection is MGA 94 Zone 55.</li> <li>Two topographic data sets have been used for the geological model; <ul style="list-style-type: none"> <li>I. The primary Lidar data set flown in March 2011 by Vekta Pty Ltd covers the resource area. The data set has a horizontal accuracy +/- 0.45 m and a vertical accuracy +/- 0.10m, with points 1 m apart.</li> <li>II. The second data source is from eBee, a remotely controlled aircraft operated by Cockatoo Coal personnel for end of month mine pickups. The data set has a horizontal and vertical accuracy +/- 0.10 m, with points 1 m apart.</li> </ul> </li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Measured, Indicated and Inferred resources have been reported in this resource estimate, which reflects the spacing of data that supports this estimate.</li> <li>The inclusion of boreholes from neighbouring areas has given the model a reasonable amount of lateral continuity in all directions.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>The orientation and spacing of the drilling grid is deemed to be suitable to detect geological structures and coal seam continuity within the resource area.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The sample security was ensured under a chain of custody between Cockatoo Coal personnel and the coal laboratories.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>Cockatoo Coal were responsible for implementing and maintaining the sampling techniques and data.</li> <li>Bureau Veritas Pty Ltd and SGS Australia Pty Ltd undertake internal audits to ensure analytical results are reporting precisely and accurately.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	Commentary																																			
Mineral tenement and land tenure status	<ul style="list-style-type: none"><li>Cockatoo Coal holds one Exploration Permit for Coal (EPC), two Mineral Development Licences (MDL) and 2 Mining Leases (ML) with one in application.</li></ul> <table><tr><th>Tenure Type</th><th>Tenure No.</th><th>Date Granted</th><th>Area (Hectares)</th><th>Holder Name</th></tr><tr><td>EPC</td><td>1047</td><td>23/01/2007</td><td>23,139</td><td>Wonbindi Coal Pty Ltd</td></tr><tr><td>MDL</td><td>184</td><td>30/07/1997</td><td>356</td><td>Baralaba Coal Pty Ltd</td></tr><tr><td>MDL</td><td>416</td><td>14/05/2012</td><td>4,604</td><td>Wonbindi Coal Pty Ltd</td></tr><tr><td>ML</td><td>80169</td><td>27/08/2013</td><td>122</td><td>Baralaba Coal Pty Ltd</td></tr><tr><td>ML</td><td>80170</td><td>03/09/2013</td><td>888</td><td>Wonbindi Coal Pty Ltd</td></tr><tr><td>MLA</td><td>80201</td><td></td><td>1,446</td><td>Wonbindi Coal Pty Ltd</td></tr></table> <ul style="list-style-type: none"><li>There are no other known impediments to mining in the area.</li></ul>	Tenure Type	Tenure No.	Date Granted	Area (Hectares)	Holder Name	EPC	1047	23/01/2007	23,139	Wonbindi Coal Pty Ltd	MDL	184	30/07/1997	356	Baralaba Coal Pty Ltd	MDL	416	14/05/2012	4,604	Wonbindi Coal Pty Ltd	ML	80169	27/08/2013	122	Baralaba Coal Pty Ltd	ML	80170	03/09/2013	888	Wonbindi Coal Pty Ltd	MLA	80201		1,446	Wonbindi Coal Pty Ltd
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MLA	80201		1,446	Wonbindi Coal Pty Ltd																																
Exploration done by other parties	<ul style="list-style-type: none"><li>Exploration within the Baralaba North project area has consisted predominantly of conventional exploration drilling, with in excess of 1867 drill holes totalling in excess of 290,654 metres from 1979 to September 2014</li><li>Prior to the company's management, exploration consisted of over 320 drillholes (RDH &amp; BAR series), including eight partially cored holes, drilled between 1979 and 1994 by Allied Queensland Coal (AQC) and Peabody Energy. Drilling in this period was very sparse and typically performed at 100 m spacing along lines oriented across strike and spaced approximately 1 km apart.</li><li>Focused drilling was completed on the eastern edge of the coal measures in areas of economic potential. Correlation of seams between early drill holes was often inaccurate or not possible due to the large spacing.</li><li>Exploration by Cockatoo Coal began in late 2007, and has consisted of 1,494 drill holes totalling 236,376 metres, including 123 partially cored holes as of 1<sup>st</sup> September 2014.</li><li>Open hole drilling was primarily focused on defining seams in the lower section of the Baralaba Coal Measures along strike. Drilling has occurred on lines spaced between 100 m and 300 m apart, with typical drill site spacing of 50 m along these lines.</li><li>All exploration programs have greatly aided the exploration activities of Cockatoo Coal, providing solid background data to base the exploration planning upon.</li></ul>																																			
Geology	<ul style="list-style-type: none"><li>The Baralaba North Project is situated in a structurally complex zone on the eastern limb of the Mimosa Syncline in the southern Bowen Basin. The economic coal seams lie in the Permian Baralaba Coal Measures, which are a co-relative of the extensive Rangal Coal Measures of the Blackwater Group.</li><li>The coal bearing section of the Baralaba Coal Measures is up to 300 metres thick and contains up to 11 consistent seams. They host an ultra-low volatile PCI product as well as a high ash thermal product.</li><li>The coal measures generally strike in a north to north-westerly direction and dip to the west ranging between 25 and 55°. The strata are also variably folded and thrust faulted. The dominant structural feature in the project is the existence of a small scale syncline at the base of the coal measures. A series of distinct fault zones have been interpreted throughout the project area. These tend to be faults that strike northwest, and are interpreted to dip steeply to the south west at angles of 60 to 80°.</li><li>The stratigraphy within the project area is characterised by a Quaternary sequence typically in the order of 15 metres thick, but varies quite significantly. The base of weathering averages 28 metres below ground level but can be less where natural topographic lows exist. Overlying the Baralaba Coal Measures is the Rewan Formation of Triassic age comprising mainly siltstones and mudstones, as well as unconsolidated sediments including clays, and a lateritic weathering profile obscuring the coal measures. Immediately underlying the Baralaba Coal Measures is the Gylanda Formation (Kaloola Member) containing minor coal horizons. The Kaloola Member strata are dominantly fine sandstones and siltstones with subordinate carbonaceous shale, tuffs and banded coal.</li><li>The coal seams occur in 11 main groups in the Project area Moody, Boyd, Cameron, Reid, Doubtful, Dawson, Dunstan, Wright, Coolum, Dirty and Sub-Dirty.</li><li>Only the Boyd, Cameron, Reid, Doubtful, Dawson, Dunstan, Wright, Coolum and the Dirty have been considered in the Resource Estimate.</li></ul>																																			
Drill hole Information	<ul style="list-style-type: none"><li>The majority of holes used in the resource estimate have been released in previous announcements. Drillholes that have been included in the resource model since the last release of drillhole results are listed in appendix 2.</li><li>All drill holes have been modelled with verticality data where available. Those drill holes with no available verticality data have been modelled as vertical.</li></ul>																																			
Data aggregation methods	<ul style="list-style-type: none"><li>All coal quality information (raw) has been composited into a single quality value where originally multiple samples existed. The compositing was performed in Ventyx's Minescape software (version 4.119) where each coal quality value was weighted by both relative density and thickness (except relative density which was only weighted by thickness).</li><li>Composited samples weight averaged overlapping samples for seams. No minimum sample thickness cut-offs were applied as all seams contained samples of greater than 90% linear recovery.</li></ul>																																			

<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>The Baralaba North Project drill hole data demonstrates strong lateral continuity with drill hole spacing at 50 metres along lines 100 – 200 metres apart. Drill hole density reduces towards the north.</li> <li>The major seams used in the resource estimate contain consistent geophysical signatures and seam thicknesses tend to show limited variation.</li> <li>The drill hole data can confidently be extrapolated. Extrapolation is limited to the east by the subcrop of the seams and to the west by the seams being at depths greater than the mining factors discussed below.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>All relevant diagrams are contained within the body of the Baralaba North Project – Geology &amp; Resource Report – September 2014</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>All exploration results within the Baralaba North Project area have been fully collated and reported.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>A Voluntarily Environment Impact Statement for the expansion of the Baralaba North coal mine was submitted on 16 April 2014.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>A detailed infill program is planned to increase the geological knowledge and confidence in both structure and coal quality.</li> <li>A 2D seismic survey is also planned to assist in the continued accuracy of the structural interpretation in the coming months.</li> </ul>

## Section 3 Estimate and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply in this section).

Criteria	Commentary
<b>Database integrity</b>	<ul style="list-style-type: none"> <li>Sampling and logging data from the field is directly entered into Field Marshal. Constrained look-ups lists and depth validation is inbuilt and ensures that the data collected is correct at source. Data is uploaded into the central GBIS relational geological database, where additional validation checks are carried out, including depth checks, interval validation, out of range data and coding.</li> </ul>
<b>Site visits</b>	<ul style="list-style-type: none"> <li>Richard Punt has been to site numerous times to help with drilling supervision and programme management. Mr Punt is signing off as competent person for validity of field data.</li> <li>Lyndon Pass has not been to site, he is however familiar with the geology of the Bowen Basin and has had access to all available data and persons directly involved with the acquisition of the data used to build the model and generate the estimate. Mr Pass is signing off as competent person for the resource estimate.</li> </ul>
<b>Geological interpretation</b>	<ul style="list-style-type: none"> <li>The drill hole density in the Baralaba North Project area allows a moderate to high level of confidence in the nature of the seam thickness and quality consistency and interpreted location of faults.</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>The main target Baralaba Coal Seams containing the seams (Boyd, Cameron, Reid, Doubtful, Dawson, Dunstan, Wright, Coolum, and Dirty) extend approximately 10 kilometres along strike and 450 metres – 1.4 km perpendicular to strike.</li> <li>The limits of the deposit along strike and down dip have not yet been determined, and the estimate of the resource is only limited by the amount of drilling data currently available.</li> </ul>

<b>Estimation and modelling techniques</b>	<ul style="list-style-type: none"> <li>The geological model and resource estimate were constructed using Ventyx Minescape software (version 4.119) using the Finite Element Method (FEM) interpolator with 0, 1, 0 parameters for thickness, surface and trend, respectively.</li> <li>A minimum seam thickness of 0.1 metres was applied to the resource estimate.</li> <li>No minimum split separation has been applied to the geological model.</li> <li>A grid cell size of 20 metres was used for the geological model with no grid rotation applied.</li> <li>A Lidar topography model was used to limit the upper sequence in the geological model.</li> </ul>
<b>Moisture</b>	<ul style="list-style-type: none"> <li>Samples with raw ash (adb), volatile matter, Carbon (from Ultimate Analysis) and Relative Density (adb) were assigned an in situ moisture of 3% from the resultant ACARP C10041 and ACARP C10042 formulas.</li> <li>Tonnages are estimated as in situ using the Preston Sanders in situ density estimation method.</li> </ul>
<b>Cut-off parameters</b>	<ul style="list-style-type: none"> <li>A raw ash cut-off of 45% (air dried) has been applied to the deposit.</li> <li>In general the majority of the seams contain an air dried raw ash of less than 18 %.</li> </ul>
<b>Mining factors or assumptions</b>	<ul style="list-style-type: none"> <li>A minimum seam thickness cut-off of 0.1 metres is used. It is deemed that this thickness cut-off is in line with current open cut mining minimum seam thickness limits.</li> <li>The terrace mining method is currently utilised in the Baralaba North pit operations, with mine advancement north along strike.</li> <li>A depth limit of 200 m was applied to the resources.</li> <li>The coal resources are limited to the west by a strip ratio cut-off of ~ 15:1 BCM of waste per in-situ tonne of coal.</li> </ul>
<b>Metallurgical factors or assumptions</b>	<ul style="list-style-type: none"> <li>The run of mine coal (ROM) is crushed / screened to produce a PCI product and several grades of thermal coal. Product specification is based on ash content, and the coal is sold unwashed.</li> </ul>
<b>Environmental factors or assumptions</b>	<ul style="list-style-type: none"> <li>Baralaba # 2 (MLA 80201) mining area is the subject of pending approvals under the Environmental Protection Act 1994.</li> </ul>
<b>Bulk density</b>	<ul style="list-style-type: none"> <li>Samples with raw ash (adb), volatile matter, Carbon (from Ultimate Analysis) and Relative Density (adb) were assigned an in situ moisture of 3% from the resultant ACARP C10041 and ACARP C10042 formulas.</li> <li>Tonnages are estimated as in situ using the Preston Sanders in situ density estimation method.</li> </ul>
<b>Classification</b>	<ul style="list-style-type: none"> <li>In total three resource categories have been identified in the Baralaba North Project area, dependent on the level of confidence in the seam structure and continuity plus the level of variability in the coal quality data.</li> <li>The maximum distance between valid points of observation (PoB) for each resource category are: Measured – 500 m Indicated – 1000 m Inferred - &lt; 2000 m</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>An independent geological model and resource audit has been undertaken by Encompass Mining Pty Ltd.</li> </ul>
<b>Discussion of relative accuracy/ confidence</b>	<ul style="list-style-type: none"> <li>Three levels of confidence have been assigned to the coal Resource Estimate depending on the seam and drill hole spacing as detailed in the previous section 'Resource Classification'</li> <li>Geostatistical studies have been undertaken on the Baralaba North project, which have confirmed the distances being used as being accurate and representative of the deposit.</li> <li>Factors that could affect the accuracy of the resource estimate include unknown structures between completed drill holes, seam wash outs in roof or in-seam stone and band thickening. No evidence currently exists at this point in time for these to occur.</li> </ul>



## Appendix 2

Drill hole coordinates and cumulative thickness of coal in the Baralaba North mine (MLs 80169 & 80170, MDLs 184 & 416 and EPC 1047) and the Baralaba Central mine (MLs 5605 & 80157) projects of holes drilled during the period 01/10/2013 to 01/09/2014 are listed below. CH denotes a slim diameter cored hole, while R denotes a redrill and PZ a water drill hole. The prefix CS denotes a channel sample. Coal intercepts, as determined from down-hole geophysical logging are as follows.

<i>Hole ID</i>	<i>Tenement</i>	<i>Area</i>	<i>Easting (MGA 94 Zone 55)</i>	<i>Northing (MGA 94 Zone 55)</i>	<i>RL (m)</i>	<i>Total Depth (m)</i>	<i>Cum Coal Thick (m)</i>	<i>Depth of Cum. Coal Thick. (m)</i>	<i>BCM/T Ratio at Base of Coal</i>	<i>Depth of Best BCM/T Ratio</i>	<i>Best BCM/T Ratio</i>
BM0817	ML80169	Baralaba North	784147	7328274	81	75	4.1	57.0	9.2	57.0	9.2
BM0818	ML80169	Baralaba North	784079	7328248	80	75	3.6	52.0	9.7	52.0	9.7
BM0819	ML80169	Baralaba North	784042	7328236	80	75	2.5	65.1	18.2	65.1	18.2
BM0820	ML80169	Baralaba North	784005	7328224	80	81	8.5	76.8	5.7	46.1	5.2
BM0821	ML80169	Baralaba North	783822	7328154	81	201	16.5	190.6	7.5	26.5	5.5
BM0822	ML80169	Baralaba North	783790	7328142	82	243	20.8	236.8	7.4	28.7	6.1
BM0823	ML80169	Baralaba North	783750	7328131	82	220	9.4	163.6	11.7	111.1	10.6
BM0824	ML80169	Baralaba North	783800	7328007	81	202	9.6	183.5	12.9	127.4	12.0
BM0825	ML80169	Baralaba North	783833	7328019	81	202	14.4	187.5	8.6	76.9	8.0
BM0826	ML80169	Baralaba North	783877	7328018	82	214	15.8	184.7	7.6	31.7	5.1
BM0827	ML80169	Baralaba North	783905	7328040	82	202	13.1	162.2	8.2	152.2	7.8
BM0828	ML80169	Baralaba North	783942	7328054	83	172	14.8	165.1	7.3	72.9	6.9
BM0829	ML80169	Baralaba North	783977	7328065	84	136	11.9	108.6	5.8	36.5	2.9
BM0830	ML80169	Baralaba North	784014	7328077	84	93	4.3	67.3	10.6	39.2	7.9
BM0831	ML80169	Baralaba North	783995	7327925	84	166	11.5	157.1	9.0	68.8	7.3
BM0832	ML80169	Baralaba North	784032	7327925	85	136	12.9	133.8	6.7	39.1	3.3
BM0833	ML80169	Baralaba North	784067	7327935	84	94	5.2	75.4	9.7	44.6	8.9
BM0834	ML80169	Baralaba North	783747	7328239	82	232	18.8	208.3	7.2	29.6	6.0
BM0835	ML80169	Baralaba North	783834	7328262	81	178	12.5	142.4	7.4	120.3	6.8
BM0836	ML80169	Baralaba North	783911	7328339	81	142	7.3	105.6	9.7	63.7	8.7
BM0837	ML80169	Baralaba North	783959	7328353	81	154	10.4	146.7	9.3	49.3	5.9
BM0838	ML80169	Baralaba North	783794	7328249	82	202	13.0	163.5	8.3	163.5	8.3
BM0839	ML80169	Baralaba North	784009	7328368	81	130	10.3	97.8	6.1	33.8	3.5
BM0840	ML80169	Baralaba North	784055	7328384	80	91	5.6	55.3	6.4	23.8	3.1
BM0841	ML80170	Baralaba North	783796	7328410	81	190	16.7	170.4	6.6	106.2	4.8
BM0842	ML80170	Baralaba North	783842	7328428	81	202	27.0	197.8	4.5	197.8	4.5
BM0843	ML80170	Baralaba North	783887	7328446	81	202	14.7	180.6	8.1	180.6	8.1
BM0844	ML80170	Baralaba North	783980	7328476	80	100	6.4	78.8	8.1	78.8	8.1
BM0845	ML80170	Baralaba North	783937	7328460	81	160	13.7	143.8	6.8	53.7	6.2
BN0059CH	ML80170	Baralaba North	783062	7329988	88	155	3.7	144.1	27.5	144.1	27.5
BN0188CH	ML80170	Baralaba North	783727	7330085	88	93	9.7	86.4	5.7	45.9	5.0
BN0191CH	ML80170	Baralaba North	783628	7330055	88	173	16.4	163.0	6.4	163.0	6.4
BN0195CH	ML80170	Baralaba North	783291	7330096	89	78	4.5	68.3	10.1	68.3	10.1
BN0196CH	ML80170	Baralaba North	783197	7330056	88	54	-	-	-	-	-
BN0196CHR1	ML80170	Baralaba North	783198	7330055	88	120	4.6	109.9	16.4	109.9	16.4
BN0247R1	MDL416	Baralaba North	782323	7331910	94	201	14.4	175.2	8.0	175.2	8.0
BN0248CH	MDL416	Baralaba North	782499	7331996	93	50	5.3	44.8	5.3	44.8	5.3
BN0254CH	MDL416	Baralaba North	782230	7331867	94	115	3.8	109.6	19.7	109.6	19.7

<i>Hole ID</i>	<i>Tenement</i>	<i>Area</i>	<i>Easting (MGA 94 Zone 55)</i>	<i>Northing (MGA 94 Zone 55)</i>	<i>RL (m)</i>	<i>Total Depth (m)</i>	<i>Cum Coal Thick (m)</i>	<i>Depth of Cum. Coal Thick. (m)</i>	<i>BCM/T Ratio at Base of Coal</i>	<i>Depth of Best BCM/T Ratio</i>	<i>Best BCM/T Ratio</i>
BN0255CH	MDL416	Baralaba North	782275	7331887	94	128	6.8	122.4	12.2	54.2	10.3
BN0256CH	MDL416	Baralaba North	782365	7331935	93	176	11.6	170.4	9.8	170.4	9.8
BN0256R1	MDL416	Baralaba North	782367	7331930	94	207	16.3	199.2	8.0	174.6	7.9
BN0257R1	MDL416	Baralaba North	782455	7331972	93	207	13.5	200.8	9.9	157.0	9.5
BN0258CHR1	ML80170	Baralaba North	782616	7331218	91	149	8.6	140.2	11.0	107.6	10.1
BN0262R1	ML80170	Baralaba North	782744	7331288	91	310	27.0	305.7	7.4	305.7	7.4
BN0267R1	ML80170	Baralaba North	782641	7331405	91	202	9.9	174.6	11.8	106.1	11.0
BN0293CH	ML80170	Baralaba North	783396	7330483	89	203	17.2	193.1	7.3	193.1	7.3
BN0299CH	ML80170	Baralaba North	782798	7330540	91	126	5.1	116.1	15.5	116.1	15.5
BN0309CH	ML80170	Baralaba North	783120	7330357	90	95	6.1	87.0	9.5	87.0	9.5
BN0442CH	ML80170	Baralaba North	783288	7330847	91	50	6.0	45.3	4.7	45.3	4.7
BN0655CH	MDL416	Baralaba North	781670	7332592	92	127	6.3	118.1	12.7	118.1	12.7
BN0678CH	MDL416	Baralaba North	781939	7332721	92	131	12.0	124.2	6.7	91.8	6.0
BN0678CHR1	MDL416	Baralaba North	781942	7332719	92	77	3.8	65.8	11.6	65.8	11.6
BN0678R1	MDL416	Baralaba North	781940	7332718	92	26	-	-	-	-	-
BN0678R2	MDL416	Baralaba North	781940	7332717	92	57	-	-	-	-	-
BN0678R3	MDL416	Baralaba North	781940	7332718	92	7	-	-	-	-	-
BN0684CH	MDL416	Baralaba North	781766	7332627	92	64	6.0	59.9	6.4	59.9	6.4
BN0684CHR1	MDL416	Baralaba North	781765	7332629	92	59	4.5	54.3	8.0	54.3	8.0
BN0684R1	MDL416	Baralaba North	781766	7332629	97	48	0.5	47.5	67.1	47.5	67.1
BN0766CH	MDL416	Baralaba North	781797	7332648	92	93	5.2	87.5	11.2	87.5	11.2
BN0766CHR1	MDL416	Baralaba North	781797	7332649	92	97	6.9	92.5	8.9	92.5	8.9
BN0767CH	MDL416	Baralaba North	781713	7332600	92	104	2.1	99.9	33.4	99.9	33.4
BN0776	ML80170	Baralaba North	783593	7329856	88	201	12.1	131.5	7.0	29.0	2.2
BN0777	ML80170	Baralaba North	783398	7329791	88	201	15.4	190.7	8.1	190.7	8.1
BN0778	ML80170	Baralaba North	783308	7329759	88	201	10.8	158.2	9.7	158.2	9.7
BN0779	ML80170	Baralaba North	783495	7330014	88	201	28.7	196.8	4.2	51.2	1.5
BN0780	ML80170	Baralaba North	783410	7329989	88	201	14.9	190.3	8.4	161.8	8.1
BN0781	ML80170	Baralaba North	783367	7329970	88	207	16.1	201.0	8.2	201.0	8.2
BN0782	ML80170	Baralaba North	783279	7329930	88	201	11.2	183.2	11.0	138.0	10.6
BN0783	ML80170	Baralaba North	783191	7329895	88	207	12.5	198.2	10.7	198.2	10.7
BN0784	ML80170	Baralaba North	783092	7329858	86	201	5.6	184.5	22.8	184.5	22.8
BN0785	ML80170	Baralaba North	783692	7330457	89	201	0.7	77.6	76.3	40.2	54.5
BN0786	ML80170	Baralaba North	783604	7330412	89	201	6.4	120.9	12.7	120.9	12.7
BN0787	ML80170	Baralaba North	783516	7330368	89	201	16.6	187.1	7.4	187.1	7.4
BN0788	ML80170	Baralaba North	783428	7330334	89	201	14.8	189.1	8.4	75.6	8.0
BN0789	ML80170	Baralaba North	783337	7330291	89	207	17.6	203.3	7.5	203.3	7.5
BN0790	ML80170	Baralaba North	783240	7330246	89	201	19.0	198.5	6.7	170.9	5.9
BN0791	ML80170	Baralaba North	783153	7330203	89	201	11.5	167.0	9.7	113.8	8.6
BN0792	ML80170	Baralaba North	783062	7330163	89	201	11.8	180.9	10.2	40.2	7.6
BN0793	ML80170	Baralaba North	782966	7330124	89	201	6.5	180.2	19.0	180.2	19.0
BN0794	ML80170	Baralaba North	783576	7330570	90	202	2.8	119.2	29.6	64.7	19.4
BN0795	ML80170	Baralaba North	783441	7330498	89	208	15.2	202.0	8.8	58.0	5.7
BN0795CH	ML80170	Baralaba North	783443	7330492	89	125	9.8	112.4	7.5	61.5	7.3
BN0795CHR1	ML80170	Baralaba North	783444	7330486	89	71	4.7	63.2	8.8	63.2	8.8
BN0796	ML80170	Baralaba North	783352	7330459	89	202	15.2	185.2	8.0	52.7	7.9

<i>Hole ID</i>	<i>Tenement</i>	<i>Area</i>	<i>Easting (MGA 94 Zone 55)</i>	<i>Northing (MGA 94 Zone 55)</i>	<i>RL (m)</i>	<i>Total Depth (m)</i>	<i>Cum Coal Thick (m)</i>	<i>Depth of Cum. Coal Thick. (m)</i>	<i>BCM/T Ratio at Base of Coal</i>	<i>Depth of Best BCM/T Ratio</i>	<i>Best BCM/T Ratio</i>
BN0797	ML80170	Baralaba North	783255	7330419	89	202	10.4	176.0	11.4	129.5	10.7
BN0798	ML80170	Baralaba North	783169	7330378	90	202	11.8	164.8	9.3	40.6	7.7
BN0799	ML80170	Baralaba North	783077	7330333	90	202	11.8	164.9	9.3	114.9	8.9
BN0800	ML80170	Baralaba North	782988	7330289	90	208	11.4	201.1	11.9	201.1	11.9
BN0801	ML80170	Baralaba North	783837	7329650	87	214	12.0	206.3	11.6	206.3	11.6
BN0802	ML80170	Baralaba North	783870	7329653	87	202	12.6	182.2	9.6	121.5	9.6
BN0803	ML80170	Baralaba North	783384	7330734	90	202	8.5	177.3	14.1	136.0	11.4
BN0804	ML80170	Baralaba North	783429	7330752	90	202	9.7	145.6	10.0	59.1	5.6
BN0805	ML80170	Baralaba North	783052	7330623	91	202	11.1	193.0	11.7	193.0	11.7
BN0806	ML80170	Baralaba North	783004	7331587	92	154	2.1	79.3	26.8	56.5	26.7
BN0807	ML80170	Baralaba North	782864	7331520	91	154	9.1	97.9	7.0	97.9	7.0
BN0808	ML80170	Baralaba North	782803	7330207	90	202	-	-	-	-	-
BN0809	ML80170	Baralaba North	782749	7330525	91	202	7.5	190.4	17.5	190.4	17.5
BN0810	ML80170	Baralaba North	782845	7330556	91	201	10.7	173.8	10.9	152.2	10.7
BN0811	ML80170	Baralaba North	782945	7330589	91	201	9.9	195.0	13.4	166.6	13.1
BN0812	ML80170	Baralaba North	783983	7329364	88	201	13.9	199.6	9.6	199.6	9.6
BN0813	ML80170	Baralaba North	784027	7329381	88	201	14.0	185.8	8.8	112.6	8.0
BN0814	ML80170	Baralaba North	784070	7329399	87	201	13.1	185.2	9.4	28.2	5.6
BN0815	ML80170	Baralaba North	784113	7329418	88	153	7.0	147.5	14.4	91.2	11.6
BN0816	ML80170	Baralaba North	784054	7329553	88	153	6.4	132.9	14.0	81.0	12.0
BN0817	ML80170	Baralaba North	784009	7329534	87	201	11.0	178.3	10.9	126.4	9.5
BN0818	ML80170	Baralaba North	783966	7329512	88	201	13.9	179.5	8.5	108.9	8.0
BN0819	ML80170	Baralaba North	782858	7331088	91	201	14.0	178.1	8.4	46.3	4.5
BN0819CH	ML80170	Baralaba North	782856	7331091	90	143	11.1	133.4	7.8	48.2	4.9
BN0820	ML80170	Baralaba North	782785	7330801	91	202	10.2	175.3	11.6	175.3	11.6
BN0821	ML80170	Baralaba North	782663	7330763	91	202	8.2	168.8	14.1	135.6	14.0
BN0822	ML80170	Baralaba North	782475	7330698	92	202	-	-	-	-	-
BN0823	ML80170	Baralaba North	782900	7330833	91	202	11.3	178.5	10.6	37.9	7.8
BN0824	ML80170	Baralaba North	782994	7330871	91	196	12.6	187.6	9.9	126.8	8.9
BN0825	ML80170	Baralaba North	783090	7330900	91	202	15.2	176.3	7.6	176.3	7.6
BN0826	ML80170	Baralaba North	784462	7330311	88	202	-	-	-	-	-
BN0827	ML80170	Baralaba North	783191	7330932	91	202	14.9	177.2	7.8	64.3	7.5
BN0828	ML80170	Baralaba North	783280	7330962	91	154	7.8	138.7	12.0	82.2	10.6
BN0829	ML80170	Baralaba North	783877	7330620	89	202	-	-	-	-	-
BN0830	ML80170	Baralaba North	782766	7331021	91	208	12.0	200.2	11.2	200.2	11.2
BN0831	ML80170	Baralaba North	782668	7330974	91	208	7.1	201.1	19.6	201.1	19.6
BN0832	ML80170	Baralaba North	782577	7330920	92	208	6.7	199.2	20.4	199.2	20.4
BN0833	ML80170	Baralaba North	783154	7331280	90	154	2.1	77.1	25.0	77.1	25.0
BN0834	ML80170	Baralaba North	782843	7331326	90	202	25.0	193.0	4.8	129.7	4.7
BN0835	ML80170	Baralaba North	783003	7331418	94	96	4.0	74.0	12.5	74.0	12.5
BN0835R1	ML80170	Baralaba North	783002	7331414	90	202	4.7	113.8	16.8	113.8	16.8
BN0836	ML80170	Baralaba North	782414	7331114	92	208	6.2	200.5	22.3	200.5	22.3
BN0837	ML80170	Baralaba North	782527	7331165	92	202	5.5	182.3	23.1	182.3	23.1
BN0838	ML80170	Baralaba North	782661	7331238	91	208	10.1	181.0	12.1	181.0	12.1
BN0839	ML80170	Baralaba North	782799	7331305	90	208	17.3	203.8	7.7	203.8	7.7
BN0840	ML80170	Baralaba North	782508	7331331	92	202	10.0	184.0	12.4	184.0	12.4

<i>Hole ID</i>	<i>Tenement</i>	<i>Area</i>	<i>Easting (MGA 94 Zone 55)</i>	<i>Northing (MGA 94 Zone 55)</i>	<i>RL (m)</i>	<i>Total Depth (m)</i>	<i>Cum Coal Thick (m)</i>	<i>Depth of Cum. Coal Thick. (m)</i>	<i>BCM/T Ratio at Base of Coal</i>	<i>Depth of Best BCM/T Ratio</i>	<i>Best BCM/T Ratio</i>
BN0841	ML80170	Baralaba North	782421	7331287	92	202	4.9	186.4	26.7	186.4	26.7
BN0842	ML80170	Baralaba North	784504	7329815	86	202	0.3	32.0	75.5	32.0	75.5
BN0843	MDL416	Baralaba North	782056	7332118	110	69	2.0	59.5	20.5	59.5	20.5
BN0843R1	MDL416	Baralaba North	782070	7332135	96	201	9.5	182.8	13.0	182.8	13.0
BN0844	MDL416	Baralaba North	781473	7333159	95	201	12.3	193.5	10.5	52.6	8.5
BN0845	MDL416	Baralaba North	781557	7333203	94	202	16.1	195.8	8.0	195.8	8.0
BN0846	MDL416	Baralaba North	781529	7333180	94	201	13.6	175.7	8.5	175.7	8.5
BN0847	MDL416	Baralaba North	781652	7333236	93	201	17.3	189.4	7.1	189.4	7.1
BN0848	MDL416	Baralaba North	781618	7333220	93	207	18.5	205.5	7.2	66.3	5.8
BN0849	MDL416	Baralaba North	781752	7333280	92	201	17.6	168.4	6.1	80.0	4.4
BN0850	MDL416	Baralaba North	781801	7333308	92	207	11.6	200.8	11.6	121.4	9.9
BN0851	MDL416	Baralaba North	781829	7333325	92	27	-	-	-	-	-
BN0851R1	MDL416	Baralaba North	781828	7333325	92	207	14.6	199.1	9.0	95.1	7.3
BN0852	MDL416	Baralaba North	781892	7333363	87	201	18.9	189.8	6.5	26.6	3.3
BN0852CH	MDL416	Baralaba North	781895	7333359	86	136	7.7	131.5	11.5	131.5	11.5
BN0853	MDL416	Baralaba North	781937	7333372	84	201	19.7	194.8	6.4	64.0	5.3
BN0853CH	MDL416	Baralaba North	781939	7333365	85	127	11.9	119.6	6.4	119.6	6.4
BN0854	MDL416	Baralaba North	781983	7333411	81	201	11.2	193.3	11.7	193.3	11.7
BN0855	MDL416	Baralaba North	782017	7333414	81	207	12.0	204.4	11.5	204.4	11.5
BN0856	MDL416	Baralaba North	781042	7333505	94	201	-	-	-	-	-
BN0857	MDL416	Baralaba North	781086	7333524	94	202	6.0	195.3	22.4	195.3	22.4
BN0858	MDL416	Baralaba North	781130	7333546	94	202	10.0	168.5	11.3	155.0	10.6
BN0858CH	MDL416	Baralaba North	781132	7333544	94	146	8.7	139.0	10.7	139.0	10.7
BN0859	MDL416	Baralaba North	781176	7333566	94	202	5.7	137.3	16.6	66.3	13.5
BN0859CH	MDL416	Baralaba North	781179	7333564	94	81	4.1	74.3	12.4	74.3	12.4
BN0860	MDL416	Baralaba North	781219	7333588	93	202	9.2	192.3	14.2	137.3	12.1
BN0860CH	MDL416	Baralaba North	781222	7333582	93	179	11.0	174.4	10.6	174.4	10.6
BN0861	MDL416	Baralaba North	781265	7333607	92	202	12.8	153.4	7.9	56.0	4.0
BN0862	MDL416	Baralaba North	781304	7333634	91	191	15.6	179.9	7.5	50.1	6.3
BN0863	MDL416	Baralaba North	781394	7333663	83	214	15.7	204.6	8.6	204.6	8.6
BN0863CH	MDL416	Baralaba North	781398	7333659	83	169	13.4	153.7	7.5	153.7	7.5
BN0864	MDL416	Baralaba North	781237	7333325	95	202	11.0	186.0	11.4	154.3	9.8
BN0865	MDL416	Baralaba North	781192	7333303	96	208	9.7	200.1	14.1	200.1	14.1
BN0866	MDL416	Baralaba North	781279	7333337	95	202	6.3	154.6	16.9	84.4	14.0
BN0867	MDL416	Baralaba North	781144	7333280	97	202	-	-	-	-	-
BN0868	ML80170	Baralaba North	783320	7329952	88	214	16.0	204.2	8.4	204.2	8.4
BN0869	ML80170	Baralaba North	783232	7329915	88	202	12.2	186.3	10.2	186.3	10.2
BN0870	ML80170	Baralaba North	783145	7329881	87	208	10.8	199.2	12.4	175.4	12.3
BN0871	ML80170	Baralaba North	783641	7330444	89	202	3.5	73.3	14.1	73.3	14.1
BN0872	ML80170	Baralaba North	783552	7330391	89	202	14.0	175.2	8.2	148.3	7.7
BN0873	ML80170	Baralaba North	783461	7330351	89	202	13.5	189.5	9.3	189.5	9.3
BN0874	ML80170	Baralaba North	783390	7330308	89	202	17.2	196.5	7.5	196.5	7.5
BN0875	ML80170	Baralaba North	783287	7330265	89	202	27.3	186.1	4.2	186.1	4.2
BN0876	ML80170	Baralaba North	783184	7330216	89	208	15.1	198.0	8.7	198.0	8.7
BN0877	ML80170	Baralaba North	783102	7330193	89	202	8.7	156.5	12.2	156.5	12.2
BN0878	EPC1047	Baralaba North	780858	7333970	87	202	1.2	192.4	113.8	192.4	113.8

Hole ID	Tenement	Area	Easting (MGA 94 Zone 55)	Northing (MGA 94 Zone 55)	RL (m)	Total Depth (m)	Cum Coal Thick (m)	Depth of Cum. Coal Thick. (m)	BCM/T Ratio at Base of Coal	Depth of Best BCM/T Ratio	Best BCM/T Ratio
BN0879	EPC1047	Baralaba North	780909	7333991	84	202	5.7	177.6	21.5	177.6	21.5
BN0880	MDL416	Baralaba North	781417	7333408	94	202	17.0	177.0	6.7	177.0	6.7
BN0881	MDL416	Baralaba North	781367	7333382	94	208	13.2	200.1	10.1	55.7	6.9
BN0882	ML80170	Baralaba North	783232	7330949	91	202	13.7	180.1	8.7	144.2	7.7
BN0883	ML80170	Baralaba North	782841	7330824	91	208	12.0	199.9	11.2	199.9	11.2
BN0884	ML80170	Baralaba North	783138	7330916	91	202	21.8	191.3	5.6	191.3	5.6
BN0885	ML80170	Baralaba North	782944	7330853	91	304	25.6	298.2	7.6	298.2	7.6
BN0886	ML80170	Baralaba North	783044	7330883	91	202	13.5	178.2	8.7	178.2	8.7
BN0887	ML80170	Baralaba North	783006	7330609	91	304	17.7	287.1	10.9	242.7	10.5
BN0888	ML80170	Baralaba North	783292	7330705	90	202	18.6	185.8	6.4	56.8	4.9
BN0889	ML80170	Baralaba North	782725	7330779	91	202	15.3	195.4	8.4	195.4	8.4
BN0890	EPC1237	Baralaba North	784955	7332017	91	202	-	-	-	-	-
BN0891	EPC1237	Baralaba North	785890	7332115	91	202	-	-	-	-	-
BN0892	EPC1237	Baralaba North	785951	7331134	94	202	-	-	-	-	-
BN0893	EPC1237	Baralaba North	784885	7331231	89	202	-	-	-	-	-
BN0894	MDL416	Baralaba North	784888	7328255	82	202	3.5	68.0	13.3	68.0	13.3
BN0895	EPC1237	Baralaba North	783225	7333222	86	202	-	-	-	-	-
BN0896	MDL416	Baralaba North	781490	7332846	94	208	10.5	202.8	13.1	91.8	8.6
BN0897	MDL416	Baralaba North	781432	7333141	95	310	20.8	301.1	9.6	301.1	9.6
BN0898	MDL416	Baralaba North	781384	7333115	95	202	6.7	141.7	14.4	73.8	13.0
BN0899	MDL416	Baralaba North	780749	7333642	89	202	-	-	-	-	-
BN0900	MDL416	Baralaba North	780842	7333686	88	202	-	-	-	-	-
BN0901	MDL416	Baralaba North	780930	7333729	88	202	-	-	-	-	-
BN0902	MDL416	Baralaba North	780975	7333745	90	208	5.2	201.0	26.7	201.0	26.7
BN0903	EPC1237	Baralaba North	785585	7328440	84	202	-	-	-	-	-
BN0904	ML80170	Baralaba North	783565	7329623	87	208	21.0	202.4	6.2	86.8	4.0
BN0905	ML80170	Baralaba North	783453	7329619	87	202	12.7	174.2	9.1	174.2	9.1
BN0906	ML80170	Baralaba North	783421	7329286	86	202	9.7	146.2	10.0	53.0	8.0
BN0907	ML80170	Baralaba North	783519	7329321	86	214	17.0	211.6	8.2	189.2	7.9
BN0908	ML80170	Baralaba North	783875	7329469	87	220	13.2	199.3	10.1	164.1	9.4
BN0909	ML80170	Baralaba North	783906	7329493	87	201	10.9	192.1	11.9	167.6	11.3
BN0910	ML80170	Baralaba North	783863	7329356	87	201	14.1	181.8	8.5	104.0	7.3
BN0911	ML80170	Baralaba North	783910	7329374	87	220	9.9	198.8	13.6	198.8	13.6
BN0912	ML80170	Baralaba North	783801	7329456	87	220	10.7	200.9	12.7	200.9	12.7
BN0913	ML80170	Baralaba North	783469	7329313	86	243	18.7	229.3	8.1	229.3	8.1
BN0914	ML80170	Baralaba North	783570	7329331	87	190	12.9	177.1	9.1	153.9	8.5
BN0915	ML80170	Baralaba North	783616	7329346	87	160	9.3	138.5	10.0	115.3	9.2
BN0916	ML80170	Baralaba North	783458	7329477	87	250	18.3	233.7	8.4	211.4	7.9
BN0917	ML80170	Baralaba North	783554	7329511	87	220	22.2	215.2	6.2	149.7	5.7
BN0918	ML80170	Baralaba North	783650	7329540	87	221	30.6	206.2	4.1	206.2	4.1
BN0919	ML80170	Baralaba North	783698	7329554	87	202	14.3	165.0	7.6	165.0	7.6
BN0920	ML80170	Baralaba North	783744	7329569	87	221	15.4	167.8	7.1	167.8	7.1
BN0921	ML80170	Baralaba North	783792	7329583	88	202	20.6	182.3	5.6	49.6	4.2
BN0922	EPC1237	Baralaba North	785365	7329556	87	202	-	-	-	-	-
BN0923	MDL416	Baralaba North	781252	7333050	94	202	-	-	-	-	-
BN0924	MDL416	Baralaba North	781295	7333059	95	208	4.7	201.2	30.1	201.2	30.1



Hole ID	Tenement	Area	Easting (MGA 94 Zone 55)	Northing (MGA 94 Zone 55)	RL (m)	Total Depth (m)	Cum Coal Thick (m)	Depth of Cum. Coal Thick. (m)	BCM/T Ratio at Base of Coal	Depth of Best BCM/T Ratio	Best BCM/T Ratio
BN0925	MDL416	Baralaba North	781337	7333093	95	202	10.8	179.2	11.1	150.2	9.7
BN0926	EPC1047	Baralaba North	780718	7335511	92	202	7.9	165.5	14.2	143.4	13.9
BN0926CH	EPC1047	Baralaba North	780723	7335508	92	174	7.5	170.6	15.6	148.0	14.9
BN0927	EPC1047	Baralaba North	780767	7335558	93	201	11.4	181.9	10.7	75.6	6.8
BN0928	EPC1047	Baralaba North	780806	7335588	93	201	13.7	193.5	9.4	193.5	9.4
BN0928CH	EPC1047	Baralaba North	780800	7335590	93	142	4.8	137.0	19.9	82.2	17.1
BN0929	EPC1047	Baralaba North	780844	7335615	92	201	5.8	196.0	23.3	149.7	21.4
BN0930	EPC1047	Baralaba North	780885	7335653	91	201	10.7	196.1	12.3	196.1	12.3
BN0930CH	EPC1047	Baralaba North	780889	7335651	91	91	3.7	85.4	15.7	85.4	15.7
BN0931	EPC1047	Baralaba North	780928	7335675	90	201	22.1	187.1	5.3	37.1	3.7
BN0931CH	EPC1047	Baralaba North	780929	7335674	90	176	26.4	170.3	3.9	118.5	3.7
BN0932	EPC1047	Baralaba North	781087	7335798	80	201	16.4	179.5	7.1	48.5	4.2
BN0933	EPC1047	Baralaba North	781045	7335768	81	201	24.0	166.5	4.3	112.1	3.9
BN0934	ML80170	Baralaba North	783943	7329329	90	220	10.0	200.3	13.6	200.3	13.6
BN0934R1	ML80170	Baralaba North	783951	7329334	87	220	21.9	209.0	6.1	58.8	3.5
BN0935	ML80170	Baralaba North	783994	7329268	73	220	11.2	212.6	12.8	212.6	12.8
BN0936	ML80170	Baralaba North	784044	7329223	72	220	13.2	216.8	11.0	216.8	11.0
BN0937	ML80170	Baralaba North	783884	7329617	88	202	18.9	182.0	6.2	25.6	2.8
BN0938	ML80170	Baralaba North	783901	7329310	87	171	13.3	155.3	7.6	107.1	7.5
BN0939	ML80170	Baralaba North	783839	7329598	88	250	19.2	245.8	8.4	245.8	8.4
BN0940	ML80170	Baralaba North	783855	7333151	85	202	-	-	-	-	-
BN0941	ML80170	Baralaba North	786007	7329490	94	202	-	-	-	-	-
BN0942	EPC1047	Baralaba North	781162	7335863	79	201	8.4	34.0	2.2	34.0	2.2
BN0943	EPC1047	Baralaba North	781001	7335738	84	201	27.0	183.5	4.2	35.8	3.7
BN0944	EPC1047	Baralaba North	780969	7335705	87	201	15.0	174.7	7.6	174.7	7.6
BN0945	EPC1047	Baralaba North	780650	7335470	90	213	3.0	203.9	47.7	203.9	47.7
BN0946	EPC1047	Baralaba North	780565	7335412	84	201	-	-	-	-	-
BN0947	EPC1047	Baralaba North	780765	7335806	81	201	11.3	150.8	8.8	150.8	8.8
BN0948	EPC1047	Baralaba North	780725	7335779	82	201	14.6	183.8	8.3	183.8	8.3
BN0949	EPC1047	Baralaba North	780687	7335745	83	207	16.0	200.0	8.2	58.4	7.3
BN0950	EPC1047	Baralaba North	780640	7335716	84	207	15.0	199.0	8.8	146.0	6.7
BN0951	EPC1047	Baralaba North	780608	7335686	84	201	8.6	182.5	14.4	182.5	14.4
BN0952	EPC1047	Baralaba North	780579	7335648	85	201	1.0	155.5	109.3	155.5	109.3
BN0953	EPC1047	Baralaba North	780484	7335596	81	201	-	-	-	-	-
BN0954	EPC1047	Baralaba North	780807	7335836	79	201	13.0	186.0	9.5	124.0	9.1
BN0955	EPC1047	Baralaba North	780886	7335896	79	201	-	-	-	-	-
CS84136	ML80157	Baralaba Central	784451	7326444	-9	2	2.4	2.4	0.0	2.4	0.0
CS84137	ML80170	Baralaba North	784291	7328869	61	6	6.0	6.0	0.0	6.0	0.0
CS84138	ML80170	Baralaba North	784391	7328712	61	3	3.4	3.4	0.0	3.4	0.0
BH052	ML5605	Baralaba Central	784744	7326436	69	42	-	-	-	-	-
BH053	ML5605	Baralaba Central	784767	7326399	69	42	-	-	-	-	-
BH054	ML5605	Baralaba Central	784798	7326353	70	41	-	-	-	-	-
BH055	ML5605	Baralaba Central	784828	7326304	70	41	-	-	-	-	-
BH056	ML80157	Baralaba Central	784680	7326528	68	42	-	-	-	-	-
BH057	ML80157	Baralaba Central	784642	7326577	67	42	-	-	-	-	-
BH058	ML5605	Baralaba Central	784703	7326192	-10	40	-	-	-	-	-

<i>Hole ID</i>	<i>Tenement</i>	<i>Area</i>	<i>Easting (MGA 94 Zone 55)</i>	<i>Northing (MGA 94 Zone 55)</i>	<i>RL (m)</i>	<i>Total Depth (m)</i>	<i>Cum Coal Thick (m)</i>	<i>Depth of Cum. Coal Thick. (m)</i>	<i>BCM/T Ratio at Base of Coal</i>	<i>Depth of Best BCM/T Ratio</i>	<i>Best BCM/T Ratio</i>
BH059	ML5605	Baralaba Central	784685	7326228	-9	40	-	-	-	-	-
BH060	ML5605	Baralaba Central	784666	7326263	-7	40	-	-	-	-	-
BH061	ML5605	Baralaba Central	784647	7326299	-7	40	-	-	-	-	-
BH062	ML5605	Baralaba Central	784623	7326331	-8	40	-	-	-	-	-
BH063	ML5605	Baralaba Central	784600	7326364	-8	40	-	-	-	-	-
BH064	ML5605	Baralaba Central	784576	7326395	-9	40	-	-	-	-	-
BH065	ML5605	Baralaba Central	784552	7326428	-9	40	-	-	-	-	-
BH066	ML5605	Baralaba Central	784791	7326012	-9	40	-	-	-	-	-
BH067	ML5605	Baralaba Central	784771	7326047	-9	40	-	-	-	-	-
BH068	ML5605	Baralaba Central	784743	7326122	-10	40	-	-	-	-	-
BH069	ML5605	Baralaba Central	784722	7326157	-10	40	-	-	-	-	-
BH070	ML80170	Baralaba North	784438	7328815	61	40	-	-	-	-	-
BH071	ML80170	Baralaba North	784415	7328859	61	40	-	-	-	-	-
BH072	ML80170	Baralaba North	784392	7328904	61	40	-	-	-	-	-
BH073	ML80170	Baralaba North	784369	7328948	61	40	-	-	-	-	-
BH074	ML80170	Baralaba North	784071	7328894	74	40	-	-	-	-	-
BH075	ML80170	Baralaba North	784084	7328886	74	40	-	-	-	-	-
BH076	ML80170	Baralaba North	748097	7328878	74	40	-	-	-	-	-
BH078	ML80170	Baralaba North	784109	7328870	73	40	-	-	-	-	-
BH079	ML80170	Baralaba North	784121	7328860	73	40	-	-	-	-	-
BH080	ML80170	Baralaba North	784133	7328851	73	40	-	-	-	-	-
BH081	ML80170	Baralaba North	784145	7328842	73	40	-	-	-	-	-
BH082	ML80170	Baralaba North	784156	7328832	73	40	-	-	-	-	-
BH083	ML80170	Baralaba North	784168	7328832	73	40	-	-	-	-	-
BH084	ML80170	Baralaba North	784181	7328816	73	40	-	-	-	-	-
BH085	ML80170	Baralaba North	784195	7328810	73	40	-	-	-	-	-
BH086	ML80170	Baralaba North	784209	7328804	72	40	-	-	-	-	-
BH087	ML80170	Baralaba North	784222	7328797	70	40	-	-	-	-	-
BH088	ML80170	Baralaba North	784235	7328790	69	40	-	-	-	-	-
BH089	ML80170	Baralaba North	784249	7328784	68	40	-	-	-	-	-
BH090	ML80170	Baralaba North	784262	7328777	67	40	-	-	-	-	-
BH091	ML80170	Baralaba North	784274	7328768	66	40	-	-	-	-	-
BH092	ML80170	Baralaba North	784286	7328759	65	40	-	-	-	-	-
BH093	ML80170	Baralaba North	784297	7328749	65	40	-	-	-	-	-
BH094	ML80170	Baralaba North	784308	7328739	66	40	-	-	-	-	-
BH095	ML80170	Baralaba North	784320	7328730	65	40	-	-	-	-	-
BH096	ML80170	Baralaba North	784333	7328723	65	40	-	-	-	-	-
BH097	ML80170	Baralaba North	784346	7328715	66	40	-	-	-	-	-