



# CARBINE RESOURCES LIMITED

ASX / MEDIA ANNOUNCEMENT

20 January 2015

## DRILLING UNDERWAY AT MOUNT MORGAN

**Carbine Resources Limited (ASX: CRB)** is pleased to announce the commencement of a drilling program at the Mount Morgan Gold & Copper Project.

The program will be used to improve the JORC definition of existing resources and exploration targets in addition to collecting metallurgical samples for Phase 3 testwork and the upcoming pre-feasibility study.

Carbine will provide shareholders with an update following conclusion of the drilling program.

**For further information, please contact:**

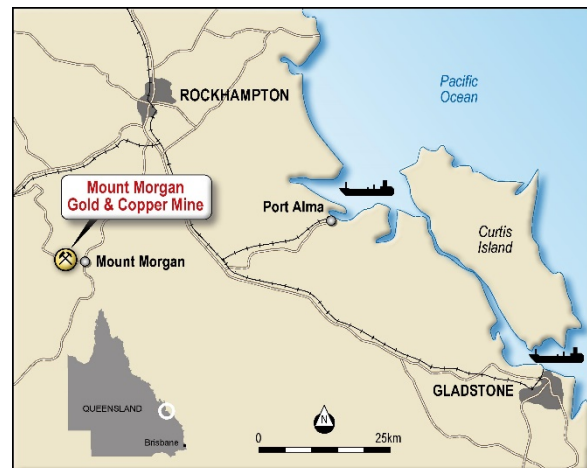
**Patrick Walta** – Executive Director (08) 6142 0986

### **About Carbine Resources**

*Carbine Resources (ASX: CRB) is an Australian resource company targeting near term production from its Mount Morgan Gold & Copper Project in Queensland.*

*The Project is located on 677.5 hectares of mining leases on outskirts of the historic mining town of Mount Morgan.*

*Regional centres of Rockhampton and Gladstone are also in close proximity, providing access to all required infrastructure, services and utilities.*



*Carbine has recently completed a Scoping Study over proposed operations at the Project, defining a minimum 8 year mine life at a processing capacity of 1Mtpa, producing 36,000oz/yr of gold at All-in Sustaining Costs of US\$393/oz. The operations are also projected to deliver 850tpa of copper and 230,000tpa of high grade pyrite as by-products.*

*A substantial Exploration Target of 32 - 40Mt grading 0.67 - 0.79 g/t Au and 0.11 - 0.19% Cu exists at the site, providing potential for a significant increase in mine life, processing capacity and project value. This Exploration Target is not a mineral resource and is conceptual in nature. There has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in the determination of a mineral resource.*



# CARBINE RESOURCES LIMITED

## Appendix: Mineral Resources & Exploration Target

**Table 1: Current JORC Resources and Exploration Target for the Mount Morgan Project**

<b>JORC Resources <sup>[1]</sup> (Tailings)</b>	<b>Tonnes (000s)</b>	<b>Au (g/t)</b>	<b>Cu (%)</b>	<b>Au (oz)</b>	<b>Cu (t)</b>
Indicated	2,487	1.59	0.16%	127,000	3,900
Inferred	5,861	1.07	0.14%	202,000	8,400
<b>TOTAL JORC</b>	<b>8,348</b>	<b>1.23</b>	<b>0.15%</b>	<b>329,000</b>	<b>12,300</b>
<b>Exploration Target <sup>[2]</sup> (Exclusive of JORC Resources)</b>	<b>Tonnes (000s)</b>	<b>Au (g/t)</b>	<b>Cu (%)</b>	<b>Au (oz)</b>	<b>Cu (t)</b>
Tailings					
<i>(low range)</i>	2,900	1.45	0.13%	135,000	4,000
<i>(high range)</i>	3,280	1.66	0.18%	175,000	6,000
Mullock Dumps					
<i>(low range)</i>	1,750	1.69	0.11%	95,000	2,000
<i>(high range)</i>	2,500	2.00	0.15%	162,000	4,000
Metallurgical Slag					
<i>(low range)</i>	1,850	0.60	0.43%	36,000	8,000
<i>(high range)</i>	6,000	1.00	0.69%	193,000	41,000
Open Pit Tails					
<i>(low range)</i>	25,300	0.52	0.09%	423,000	23,000
<i>(high range)</i>	28,000	0.54	0.09%	486,000	25,000
<b>TOTAL EXPLORATION TARGET</b>					
<i>(low range)</i>	<b>31,800</b>	<b>0.67</b>	<b>0.11%</b>	<b>690,000</b>	<b>36,500</b>
<i>(high range)</i>	<b>39,800</b>	<b>0.79</b>	<b>0.19%</b>	<b>1,015,000</b>	<b>76,500</b>

Note: Rounding errors occur

### <sup>[1]</sup> Mineral Resources

The Indicated and Inferred Resources referred to above were presented by Norton Gold Fields Limited at the Mining 2009 Resource Convention (Brisbane). The presentation was released to the ASX on 28 October 2009 and is available for viewing on the Norton Gold Fields website ([www.nortongoldfields.com.au](http://www.nortongoldfields.com.au)). The resources were stated to have been prepared in accordance with the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mine Resources and Ore Reserves' ("JORC Code") by Competent Person Troy Lowien, Resource Geologist, of consultant Coffey Mining Pty Ltd. A competent person statement in relation to these Indicated and Inferred resources is included in the final page of this Announcement.

### <sup>[2]</sup> Exploration Target

Carbine has identified an Exploration Target at the site comprising low grade mullock dumps, slag dumps and retreat tailings from previous operations. In the Table above a range of approximate tonnage and grade has been compiled from extensive review of historic reports and studies by previous owners. Carbine has not yet completed any exploration activity on the Exploration Target. The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The basis for the estimates of tonnage and grade include historic production records, various topographic and volume surveys, drilling by various methods, grab and channel sampling and small scale bulk sampling. Carbine proposes to further evaluate the Exploration Target during the next year by drilling and possible bulk sampling to provide material for additional metallurgical test work and to verify tonnage and grade. A competent person statement in relation to this Exploration Target is included on the final page of this Announcement.



## **CARBINE RESOURCES LIMITED**

### **Competent Person Statement – Exploration Target:**

*The information in this report that relates to the Exploration Target is based on information compiled by Lance Govey, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Lance Govey is an independent geological consultant and has no association with Carbine Resources Limited other than being engaged for services in relation to the preparation of parts of this report. Lance Govey has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Lance Govey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. This was initially release to the ASX on 13 November 2014 and has not materially changed since it was last reported.*

### **Competent Person Statement – JORC Resources:**

*The information in this report that relates to the Mineral Resources of the Mount Morgan Mine project was prepared in accordance with the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC Code") by Troy Lowien, Resource Geologist, of consultants Coffey Mining Pty Ltd, who is a Member of The Australasian Institute of Mining and Metallurgy ("AusIMM") and has a minimum of five years of experience in the estimation, assessment and evaluation of Mineral Resources of this style and is the Competent Person as defined in the JORC Code. Troy Lowien conducted the geological modelling, statistical analysis, variography, grade estimation, and report preparation. This report accurately summarises and fairly reports his estimations and he has consented to the resource report in the form and context in which it appears. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.*

