

CARBINE RESOURCES

Mount Morgan Gold & Copper Project

Austmine Smart Mining Series Presentation: Targeting Near Term Mine Development



July 2015

DISCLAIMER

Mineral Resources

The Indicated and Inferred Resources referred to in this presentation 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). The resources were stated to have been prepared in accordance with the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC Code") by Competent Person Troy Lowien, Resource Geologist, of consultants Coffey Mining Pty Ltd.

Exploration Targets

Carbine has identified an Exploration Target at the site comprising low grade mullock dumps, slag dumps and retreated tailings from previous operations. In the Exploration Target table of this presentation 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 testing to provide material for additional metallurgical test work and to verify tonnage and grade.

Competent Person Statements

The information in this report that relates to the recently completed exploration results is based on and fairly represents information compiled by Dr Marat Abzalov, who is a geological consultant to Carbine Resources Limited. Dr Abzalov is a Fellow of The Australasian Institute of Mining and Metallurgy (FAusIMM) and he has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and the activity 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". Dr Abzalov consents to the inclusion in the report of the matters based on information in the form and context in which it appears. Previous results were released to the ASX on 16 March and 20 April 2015 and have not materially changed since last reported.

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.

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 to comply with the JORC Code 2012 on the basis that the information has not materially changed since last reported on 28 October 2009.

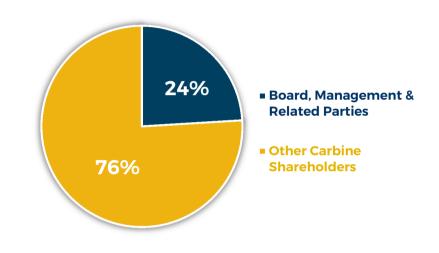
CARBINE SNAPSHOT

Tightly held, strong cash position

Share Price History



Significant Shareholders



Capital Structure

Shares (ASX: CRB)	140 million
Unlisted Options (\$0.05 - \$0.10)	25 million
Market Capitalisation (@ \$0.064/share)	\$9.0M
Cash & Deposits (30 June 2015)	\$3.7M
Enterprise Value	\$5.3M

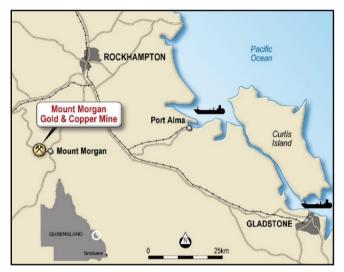
Board & Management

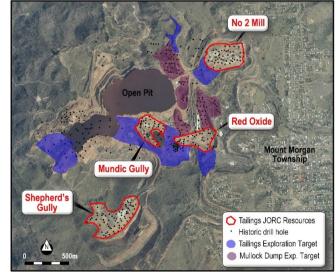
Patrick Walta	Executive Director
Evan Cranston	Non-Executive Director
Tom Bahen	Non-Executive Director
Stephen Dobson	Non-Executive Director
Rod Smith	Chief Metallurgist
Russell Dann	Project Specialist

MOUNT MORGAN MINE Overview

- Significant historical gold mine on central Queensland coast
- Close proximity to infrastructure and cities, ports & rail
- Primary ore deposit mined for ~100 years
- Production 8.4Moz Gold, 400kt Copper & 1.2Moz Silver
- ~40Mt mineralised tailings deposited on site
- Significant environmental legacy, 100% owned by QLD government

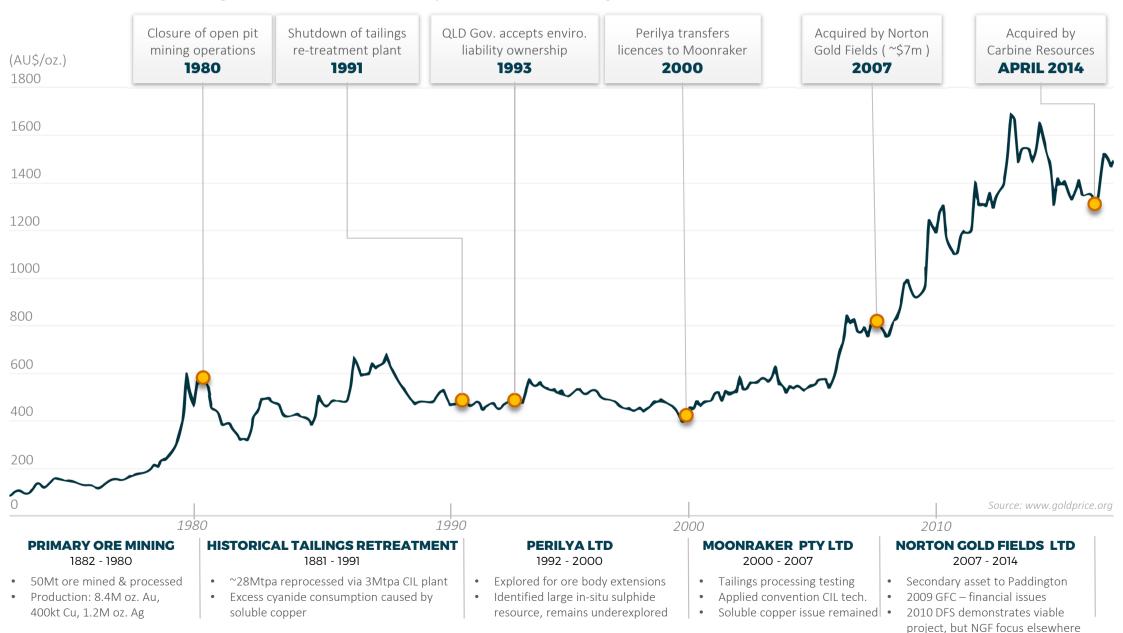






GOLD PRICE TIMELINE

Mount Morgan Mine development history



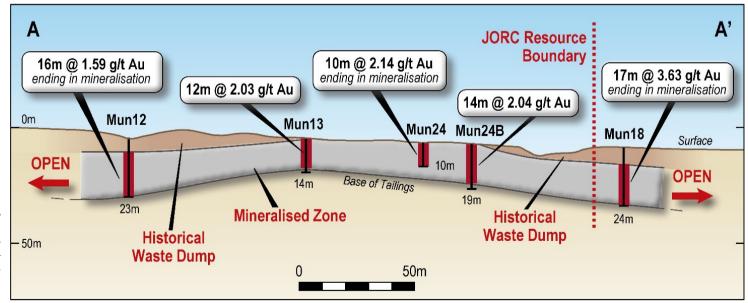
SIGNFICANT RESOURCE BASE

+1M oz. Au remaining in tailings

Resources	Tonnes		Au (g/t)		Cu (%)		Au	(oz)	Cu (t)	
Indicated	2.49 Mt		1.59		0.16%		127,000		3,900	
Inferred	5.86 Mt		1.07		0.14%		202,000		8,400	
TOTAL JORC	8.35 Mt		1.23		0.15%		329,000oz		12,300t	
TOTAL EXP.	Low	High	Low	High	Low	High	Low	High	Low	High
TARGET*	31.8 Mt	39.8 Mt	0.67	0.79	0.11%	0.19%	690,000oz	1,015,000oz	36,500t	76,500t

2015 Drilling Results

- Significant intercepts outside of existing JORC resources
- Opportunity to access high grade resources during early operations
- * The potential quantity and quality in these exploration targets are 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



TAILINGS REPROCESSING

Historical operations & technical development

1981 – 1991: Tailings Reprocessing Operations

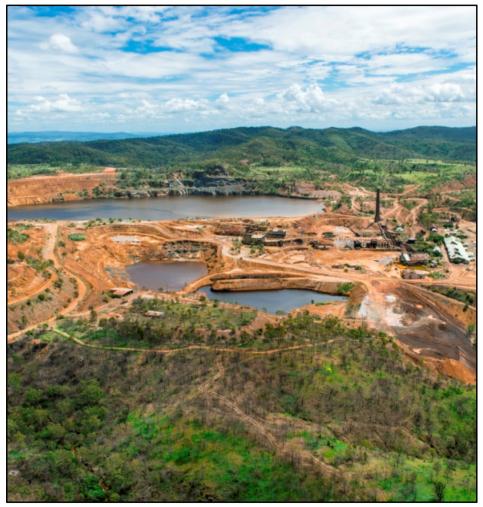
- 28Mt tailings reprocessed via 3Mtpa CIL plant
- Excess cyanide consumption caused by soluble copper
- Ops ceased due to \uparrow sol. copper and \checkmark gold price

2000 - 2007: Moonraker Tailings Feasibility

- Developed flowsheet to reprocess remaining 12Mt
- Conventional CIL technology, attempt to mask Cu
- Soluble copper issue remained

2010/11: Norton Gold Fields Tailings Feasibility

- CIL flowsheet taking advantage of higher gold prices
- Additional pyrite con. recovery (2nd revenue stream)
- Demonstrated viable project with +ve NPV
- Financial issues & lack of focus hampered development



The Mount Morgan Mine has remained dormant for ~25 years

UNLOCKING THE VALUE

Carbine's Process Solution: Reverse Leach IX - CIL

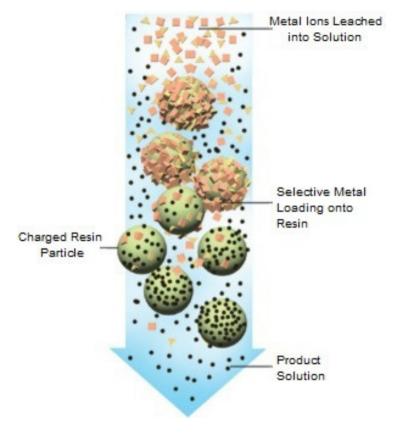
- Application of ion exchange technology to solve soluble copper issue
- IX technology provides:
 - Selective removal of copper prior to gold CIL extraction
 - Decreased cyanide consumption in gold circuit
 - Additional revenue stream from copper production
 - Increased gold recoveries (reduced Cu competition)







Operating 4,500m3/hr IX facility in Kazakhstan

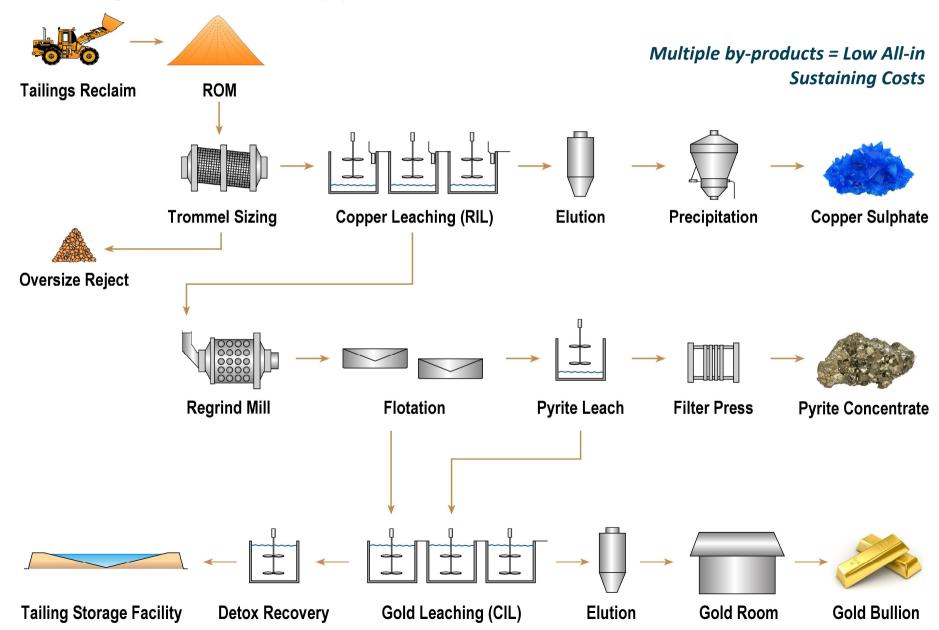


ION EXCHANGE (IX)

- Developed in the Former Soviet Union
- 60+ years of operating history
- 30+ full scale IX operations globally

IX-CIL FLOWSHEET

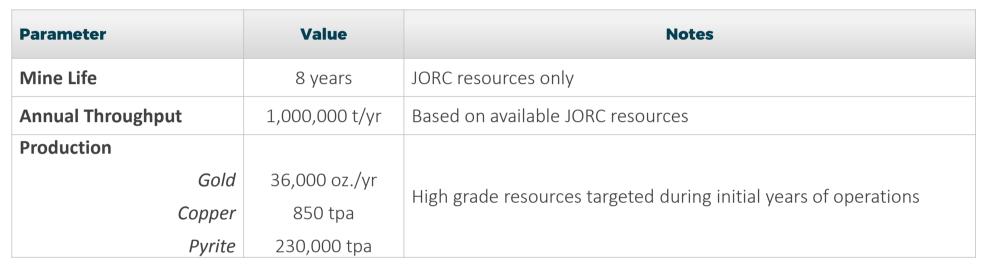
Addressing the soluble copper issue



SCOPING STUDY ECONOMICS

Completed by engineering firm Ausenco (Oct '14)

Parameters



Results

Parameter	Value	Notes
Capital Costs	A\$ 81.9m	Assumed new plant construction
Operating Costs	A\$ 32.2/t	
All-in Sustaining Costs	US\$ 393/oz.	Life of mine

*Note: Metal prices Gold US\$1,250/oz.; Copper US\$7,000/t; Pyrite US\$86/t. Exchange rate \$0.85.

Upgraded economics from PFS due Aug '15



Targeting capex reduction

PFS Optimisation Testwork:

- Upgrading of feed ore via rejection of poorly mineralised coarse material
- General reduction in circuit complexity via minimisation of acid circuit unit processes
- 21% increase in copper recovery via use of resin-in-leach
- Production of more valuable copper sulphate by-product over copper cathode
- Removal of capital requirements for copper electrowinning facility
- Maintaining low reagent consumptions achieved in the Scoping Study

Metal Extraction	Historical Tailings Reprocessing (1981 – 1991)	Norton Feasibility Study (2010)	Carbine Scoping Study (2014)	Carbine PFS Testwork (2015)
Gold	50 - 55%	65%	78%	76%
Pyrite	-	86%	91%	90%
Copper	-	-	56%	68%

PFS flowsheet likely to provide significant capital & operating cost benefits

ACHIEVING PROJECT MILESTONES

Tracking toward mine development financing

Highlights

- ✓ Acquired project (April '14)
- ✓ Completed Scoping Study
- ✓ Confirmed <US\$400 All-in Sustaining Costs
- ✓ Developed preliminary byproduct offtakes
- ✓ Employed key technical staff
- ✓ Received 2015 Austmine Innovation Award for Miners
- ✓ Progressed PFS toward completion (August '15)
- ✓ Maintained strong cash balance

Timeline	2014				2015				2016+
Timeline	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Project DD & Acquisition							i		
Phase 1 Testwork									
Phase 2 Testwork									
Scoping Study							Î		
Drilling Program								Early	stage
Phase 3 Testwork							1 /	í finar	
Preliminary Feasibility Study							*		
Bankable Feasibility Study									
Detailed Plant Design							1		
Construction & Operations									

2014/15: Successful project development milestones achieved 2015/16: Targeting mine development financing & decision to mine

PLANS For the next 12 months

- Finish PFS & assess potential for early stage financing
- Drill program to upgrade JORC resources and Exploration Target
- Complete BFS and detailed design
- Proceed with decision to mine and construction activities
- Finalise binding contracts for byproduct offtakes
- Execute service contract with Queensland Government to operate existing site Water Treatment Plant



Unlocking significant metal value left behind after 100+ years of operations

BOARD & MANAGEMENT Overview and experience

Patrick Walta Executive Director

- Metallurgist and mineral economist, commercial & tech. mining experience
- MD of Raging Bull Mining and former CEO of Cradle Resources Limited
- Experience in mineral resource dev., M&A and project management

Rod Smith

Chief Metallurgist

- Extractive metallurgist with 40 years experience in metallurgical R&D
- Former Managing Director of Ammtec Laboratories Limited
- Vast experience in gold, base metals, rare earths and uranium extraction.

Russell Dann

Project Specialist

- Former Regional Director QOL Department of Mine & Energy
- Long association with development & remediation of Mount Morgan
- Significant experience with mine approvals and stakeholder relations

Evan Cranston Non-Executive Director

- Lawyer specializing in corporate and mining law
- Former Executive Director of gold explorer Ampella Mining
- Current Director of Attila Resources, Boss Resources and Cradle Resources

Tom Bahen Non-Executive Director

- Current Director of Private Clients & Inst. Sales and Paterson Securities
- Significant experience in capital raisings and corporate advisory
- Previous experience in assurance and advisory with Deloitte

Stephen Dobson

Non-Executive Director

- Financial specialist, vast experience & networks across debt & equity markets
- Former MD of Mirabaud Securities Australia
- International financing experience with Merrill Lynch & Co

Contact

Patrick Walta Executive Director Ph: +61 8 6142 0986

Carbine Resources Limited

Suite 23 513 Hay Street Subiaco WA 6008

CARBINE RESOURCES