

Mount Morgan Gold - Copper Project

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Resources Rising Stars
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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. There is a low level of geological confidence associated with the inferred mineral resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised. The Company confirms that all material assumptions underpinning the production target, or the forecast financial information derived from the production target, as initially reported to the ASX on 13 August 2015 continue to apply and have not materially changed.

Exploration Targets

It is common practice for a company to comment on and discuss its exploration in terms of target size and type. 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.

Poised for Low-Cost Gold Production

- Tailings retreatment and clean-up historical Mount Morgan mine, Central Queensland
- Pre-Feasibility Study completed in 2015 delivered positive outcome¹
- Definitive Feasibility Study nearing completion (Q3 2016)
- Recent drilling results aimed at upgrading Mineral Resources from Inferred to Indicated Resources as part of the DFS are in line with expectations²
- Significant exploration target of 31.8Mt to 39.8Mt (0.67 – 0.97g/t Au; 0.11 – 0.19% Cu). This is based on historical tailings, mineralised waste dumps, metallurgical slag dumps and previously retreated tailings in the historical open pit¹. This exploration target is conceptual in nature as there has been insufficient exploration to estimate the Mineral Resource and it is uncertain if a Mineral Resource will be estimated.

¹ – Mount Morgan PFS confirms potential for low cost operation (ASX:13 August 2015); ² – Strong maiden infill drilling results support strategy to develop extremely low-cost gold project at Mount Morgan (ASX: 9 May 2016);

A Strategy to Make Money for Shareholders

- Carbine has assembled a new management team with a successful track record of making money for shareholders¹
- Complete the Mount Morgan Project Definitive Feasibility Study in Q3 2016 with
 - Bring the Mount Morgan Project tailings retreatment into production in 2017
 - Expand the base case with methodical technical assessment of numerous other exploration targets associated with the Mount Morgan historical dumps²
- Achieve further corporate growth and expansion phases through ongoing exploration and corporate opportunities²

1 – Carbine appoints highly experienced board and management team (ASX: 13 Apr 2016); 2 – Both these statements are aspirational in nature on the basis that the Company does not yet have reasonable grounds to make a forward-looking statement, such as a production forecast.

Company Profile

Capital Structure

ASX Code	CRB
Shares on Issue	157 Million
Share Price	21.5 cents ¹
Unlisted Options (\$0.05 - \$0.10)	25 Million
Market Cap	\$33.7M
Cash & Deposits (Mar 2016)	\$2.7M

1 – ASX Close 20 May 2016

Major Shareholders

Board , management and related parties	9.8%
GR Engineering Services	8.7%

Mount Morgan Project earn in agreements - concurrent

Carbine & Raging Bull Metals	CRB Acquire 75% on completion of BFS with 2 milestone payments being 25M CRB shares at 10,000 ozs Au production and 25M CRB shares at 5,000t Cu production. Option to acquire remaining 25% post BFS.
Raging Bull Metals & Norton Goldfields	100% interest transferred on decision to mine and payment \$2M Deferred payment \$13M (via 20% annual EBITDA)

Board & Management

Chairman	John Fitzgerald
Managing Director	Anthony (Tony) James
Director	Graham Brock
Director	Evan Cranston
Chief Operating Officer	Terry Moylan
Chief Metallurgist	Rod Smith
Geology Manager	Chris Newman
Mount Morgan Project Specialist	Russell Dann
Principal Consultant	Patrick Walta



The Golden Mount

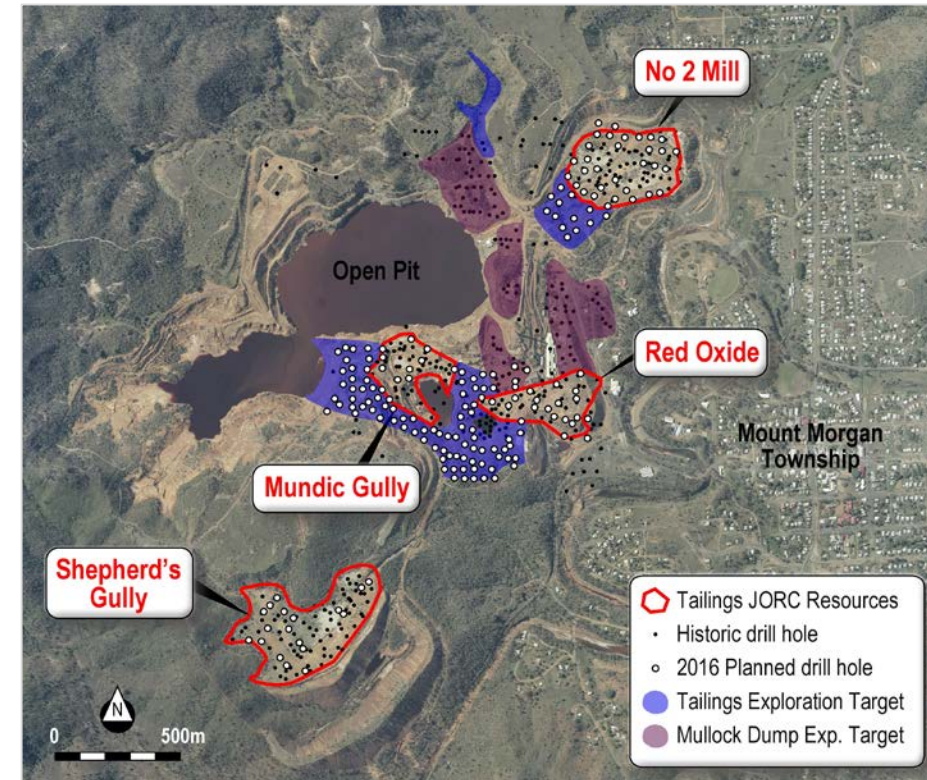
- Primary ore mining occurred at the historical Mount Morgan mine from 1882 to 1980 producing 8.4Moz Au, 400kt Cu and 1.2Moz Ag from 50Mt ore
- Reported ~40Mt of tailings produced up to 1980
- Peko reprocessed ~25Mt tailings from 1981 to 1991 via a 3Mtpa CIL plant returning tailings to the original open pit. Low recovery and high costs due to cyanide consumption associated with soluble Cu
- Perilya Ltd ownership from 1992 to 2000 primary focus on exploration activities
- Queensland Government accepts environmental liability for the Mount Morgan Project in 1993

Note A - Historical Mount Morgan gold room photo courtesy of Central Queensland University



Mount Morgan Project

- Perilya transferred licence to Moonraker in 2000, focus on tailings retreatment via conventional CIL circuit
- Initial mining rights agreement established with Government in 2003
- Norton Goldfields acquire licence from Moonraker in 2007
- Norton DFS in 2010 showed viable project¹ but company shifted corporate focus to Paddington gold mine acquisition in WA
- Several generations of Mineral Resources exist covering existing tailings (~8Mt) and a revised Carbine Mineral Resource is being completed as part of the current DFS
- Significant other exploration targets exist up to 30Mt in the form of remaining tailings, historical dumps, slag and previously re-treated tailings^{2,3}



DEPOSIT	CATEGORY	TONNES (kt)	GRADE (g/t)	OUNCES (koz)
No2 Mill	Indicated	1,264	1.16	47
	Inferred	1,099	1.17	41
Mundic	Indicated	833	1.93	52
	Inferred	357	1.82	21
Red Oxide	Indicated	390	2.23	28
	Inferred	445	2.15	31
Shepherds	Indicated	-	-	-
	Inferred	3,960	0.86	106
Total		8,348	1.23	326

Table – Mount Morgan Mineral Resources¹

¹ – Norton Goldfields Ltd, Annual Report 2009; ² – Mount Morgan PFS confirms potential for low cost operation (ASX: 13 August 2015); ³ - This statement is aspirational in nature on the basis that the Company does not yet have reasonable grounds to make a forward-looking statement, such as a production forecast.

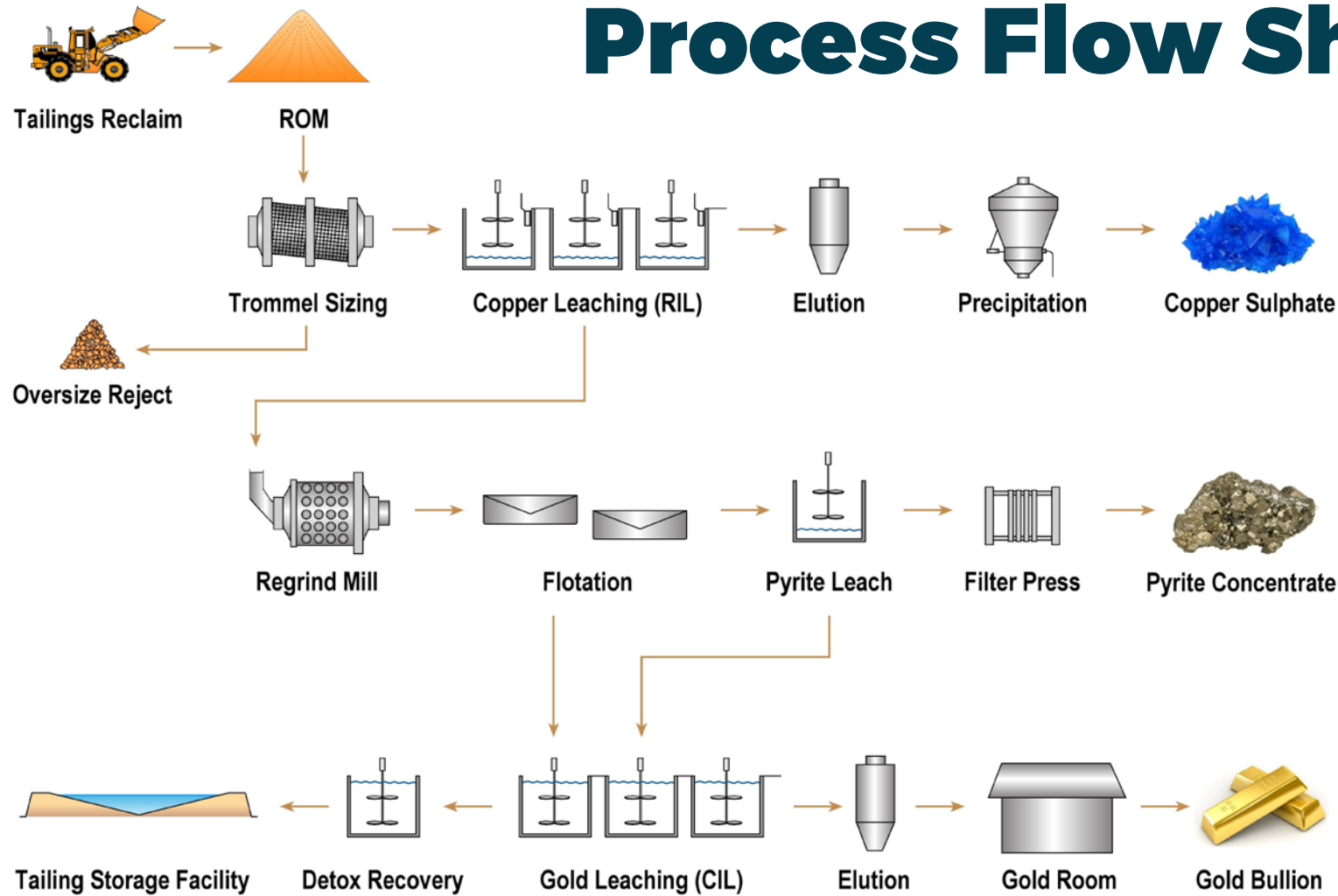


Remnant Mundic tailings on north side of Mundic Gully

Carbine's Mining and Processing Plan

Key Aspects	Plan
<p>Original Ore Body: The Mount Morgan ore body was a massive pyrite deposit including gold and copper mineralisation. Very low levels of deleterious elements like arsenic, antimony, mercury, lead, tungsten and bismuth were present.</p>	<p>With the selected process flow sheet three separate products in gold, copper and pyrite concentrate will be produced. Flow sheet design has been validated by GR Engineering.</p>
<p>Environmental Legacy: Historically the recovery of gold and copper at Mount Morgan left pyrite (~50% sulphur) in the tailings. This has created a significant environmental problem with production of acid mine drainage when in contact with water and oxygen.</p>	<p>The selected process flow sheet will make pyrite as a separate product and remove it from the current environment. This also presents an ongoing opportunity for the site to clean up areas where pyrite remains an issue for acid mine drainage.</p>
<p>100 Year History: Mining and processing at Mount Morgan over many generations has generated many historical dumps still containing gold, copper and pyrite mineralisation.</p>	<p>The Company has identified many historical dumps and is estimating those Mineral Resources accordingly as part of the current DFS. Several other areas nominated as targets will require ongoing evaluation and consideration as reconciliation shows not all mineralisation has been accounted for.</p>
<p>Previous Tailings Retreatment: Previous tailings re-treatment had limited success utilising standard CIL processing technology due to high cyanide consumption resulting in high costs and low recovery.</p>	<p>Process flow sheet required and developed for the project removes copper and pyrite from the ore stream before gold extraction allowing for improved gold recovery.</p>
<p>Government Interaction: The Queensland Government holds the historical liability for Mount Morgan and plays an active role in the ongoing plans and approvals process.</p>	<p>Carbine has a strong relationship and is working very closely with the Queensland Government to develop an ongoing working strategy that both reduces the current liability and prevents any future liabilities.</p>

Process Flow Sheet



Copper Circuit: Resin in pulp (RIP) allows Cu leaching in acidic environment. PH 2.5

Pyrite Circuit: Standard concentrate flotation after neutralisation and polishing grind to p80 75um. PH 5.5

Gold Circuit: Gold extraction from both pyrite leach and tail by standard carbon in leach (CIL). PH 9.5

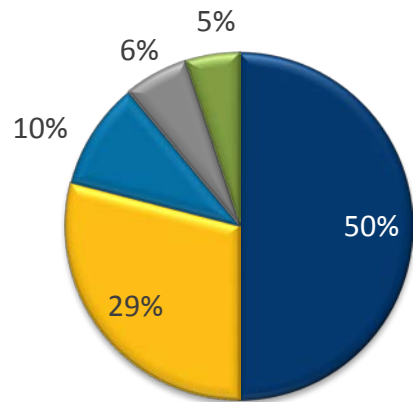
Metal Recovery ⁵	Peko Historical Tailings Re-treatment	Norton Feasibility Study (2010)	Carbine PFS ¹
Gold	50 – 55%	65%	76%
Pyrite	Nil	86%	90%
Copper	Nil	Nil	68%

1 - The proposed process flow sheet and recoveries above is presented in the Pre Feasibility Study (ASX:13 August 2015)

Pyrite Concentrate to Sulphuric Acid

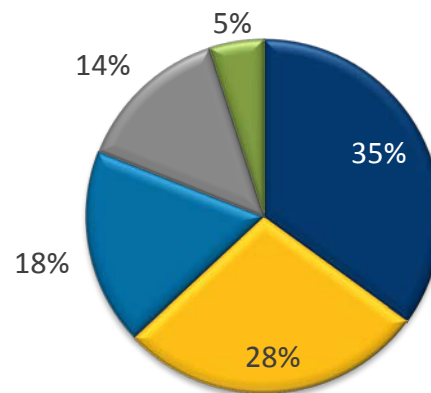
- Sulphuric acid is one of the largest volume industrial chemicals produced in the world
- Pyrite concentrate is primarily used for roasting to make sulphuric acid
- The world is currently consuming +220mtpa of sulphuric acid with a ~2%pa growth profile
- Sulphuric acid demand is directly affected by population, infrastructure, food crops and base metals growth
- Pyrite roasters for sulphuric acid manufacture requiring pyrite concentrate are prominent in Europe and China

Sulphuric Acid Use¹



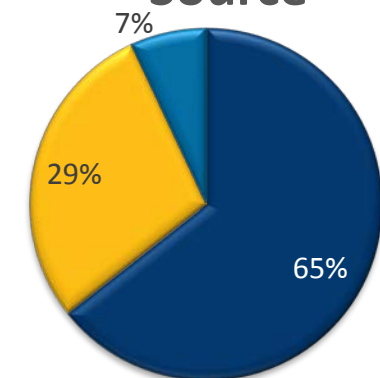
■ Fertilizers ■ Other ■ Metal Processing
 ■ Phosphates ■ Fibres

Demand by Region²



■ China ■ America's ■ Asia ■ Europe ■ Africa

Sulphuric Acid Sulphur Source³



■ Brimstone ■ Smelter Acid ■ Pyrite Roast

1 – Uses of Sulphuric Acid, The essential Chemical Industry on line, The university of York 2013; 2 – HIS, Chemical Economics Handbook Oct 2014; 3 – CRU Global supply outlook 2012

Mount Morgan Pyrite Concentrate

- Due to the unique nature of the Mount Morgan ore body, the pyrite concentrate is considered “premium grade” (> 50% sulphur tenor with negligible deleterious elements)
- The concentrate produced can be directly compared to the concentrate produced at the Pyhasalmi mine in Finland (First Quantum Minerals). The Pyhasalmi underground mine produces copper, zinc and pyrite concentrate
 - Mine run since 1962 and produces ~800ktpa pyrite concentrate
 - Mine is 1,450m deep and current life to 2018/2019
- Domestic Chinese pyrite market is reported as a standard 35% sulphur product. China imports premium pyrite concentrate from Pyhasalmi when available¹
- Pyrite roasters facing increased emission guidelines, forcing increased use of premium concentrates
- The Mount Morgan pyrite concentrate is considered both a viable alternative to the Pyhasalmi concentrate and an additional premium grade concentrate source due to its sulphur grade and low levels of deleterious elements



Loading Pyrite at Mount Morgan, 1955

Element	Pyhasalmi ¹	Mount Morgan
Sulphur (S)	51.7%	50 - 53%
Iron (Fe)	45.6%	44 - 46%

Table showing comparison in Pyrite Concentrate quality

¹ – CRU report for Carbine 2014, An overview of the market for Pyrite; Note A - Historical Mount Morgan photo courtesy of Central Queensland University

Copper Sulphate

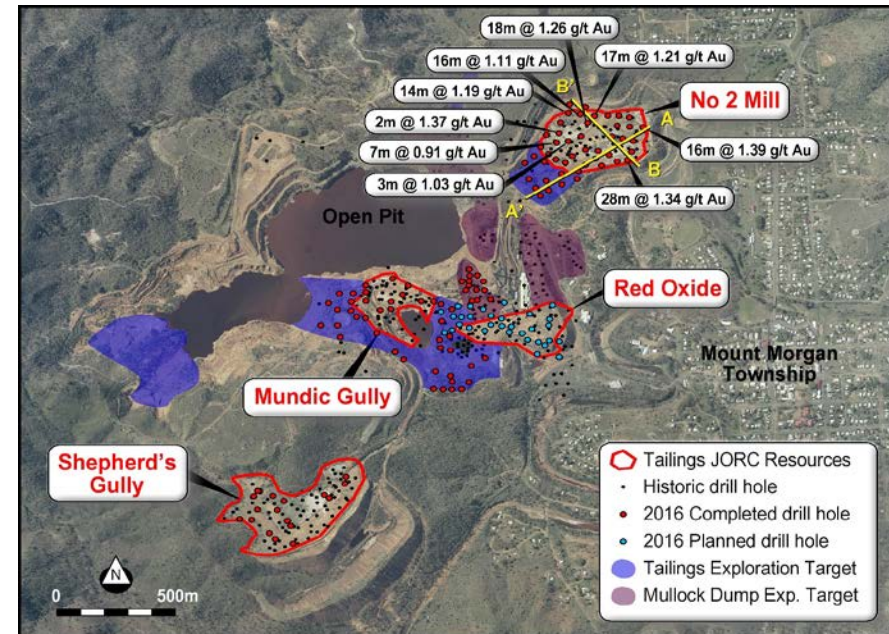
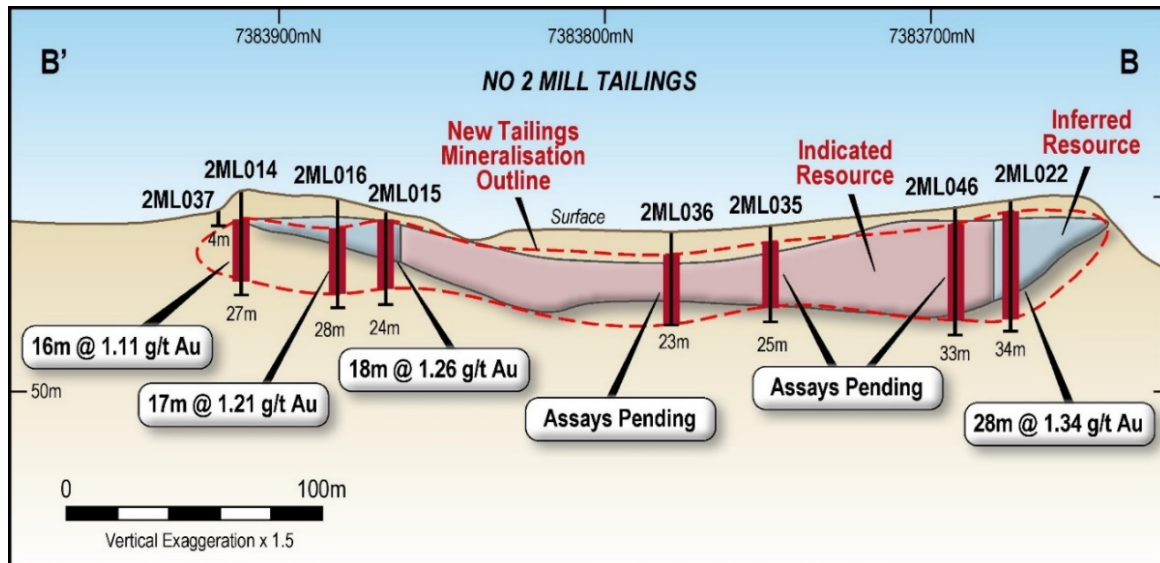
- Three year offtake agreement up to 5,000tpa with Swancorp Pty Ltd¹
- Swancorp is Queensland based supply specialists for stock feed additives, elemental sulphur, fertilizer products and horticulture
- Copper sulphate is sold by Swancorp in 25kg bags for agriculture fungicide, bactericide, algicide, herbicides, feed and fertilizer additives. Current product is made in China, Russia and Taiwan
- Copper sulphate price is based on a small premium to LME copper cathode price¹



¹ – Carbine signs letter of intent for copper offtake from Mount Morgan (ASX:14 May 2015)

Definitive Feasibility Study (DFS)

- Following positive PFS, Carbine is currently completing DFS, timeline for completion is now Q3 2016
 - Current resource drilling completed in May with additional time required for assay turn-around and new Mineral Resource estimation. Strong maiden infill drill results associated with No2 Mill dump released¹
 - Detail review continuing on site layouts, water management and mining sequence
 - Process design and layouts well advanced



Figures shows Cross Section B'-B at No 2 Mill Tailings and location plan. In section the current Indicated Resource boundary is shown in red and the Inferred Resource boundary in blue. Note the thicker tailings intersected in drilling from within the Inferred Resource boundary. Section exaggerated 1.5 times vertically for visualisation purposes.

1 – Strong maiden infill drilling results support strategy to develop extremely low-cost gold project at Mount Morgan (ASX: 9 May 2016)

Also ...

- At Mount Morgan, Carbine and GR Engineering have entered into a strategic partnership including the awarding of the DFS and a MOU for development including direct investment¹
- Carbine has signed a Letter of Intent with Port of Gladstone for export of pyrite concentrate²
- Carbine secured Government contract for the management of Mount Morgan Water Treatment Plant with contract term based on a 10 year period for \$2,500/ML up to 500MLpa³
- Carbine's earn in agreement with Raging Bull includes
 - Refurbished 1 Mtpa Kundana Mill located in Kalgoorlie (\$3.5M refurbishment completed by Norton as it was originally intended for Mount Morgan)
 - Many Peaks Copper deposit in central Queensland
with historical mining production of 500kt @ approximately 2% Cu



Mount Morgan water Treatment Plant

1 – Carbine and GRES enter strategic partnership for Mount Morgan (ASX:23 Dec 2015); 2 – Carbine signs letter of intent with port of Gladstone (ASX 14 Sep 2015); 3 – Carbine secures government contract for water treatment at Mount Morgan (ASX: 29 Oct 2015)

Summary

- Carbine aims to become a new Australian gold production company in 2017, based on a long life and low cost operation at the Mount Morgan Project
- New operational team established to deliver the next phase in completing the DFS, finance and building the project
- The Company will continue to work closely with stakeholders to make significant inroads into cleaning up the environmental legacy associated with 100 years of mining at Mount Morgan. From a mining industry perspective this is a very real “feel good” project with an opportunity to make money cleaning up that legacy
- Carbine aims to achieve further growth and expansion through ongoing exploration and corporate opportunities



Appendix A – Mineral Resources and Exploration Target

DEPOSIT	CATEGORY	TONNES (kt)	GRADE (g/t)	OUNCES (koz)
No2 Mill	Indicated	1,264	1.16	47
	Inferred	1,099	1.17	41
Mundic	Indicated	833	1.93	52
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Shepherds	Indicated	-	-	-
	Inferred	3,960	0.86	106
Total		8,348	1.23	326

EXPLORATION TARGET		TONNES (kt)	GOLD (g/t)	COPPER (%)	GOLD (koz)	COPPER (kt)
Tailings Dumps	(low range)	2,900	1.45	0.13	135	4
	(high range)	3,280	1.66	0.18	175	6
Mullock Dumps	(low range)	1,750	1.69	0.11	95	2
	(high range)	2,500	2.00	0.15	162	4
Metallurgical Slag	(low range)	1,850	0.60	0.43	36	8
	(high range)	6,000	1.00	0.69	193	41
Open Pit Tailings	(low range)	25,300	0.52	0.09	423	23
	(high range)	28,000	0.54	0.09	486	25
Total	(low range)	31,800	0.67	0.11	690	37
	(high range)	39,800	0.79	0.19	1,015	77

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.

Notes

Thank You

For further information:

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