# **Evolution Mining**

**An Australian Mid-Tier Gold Producer** 



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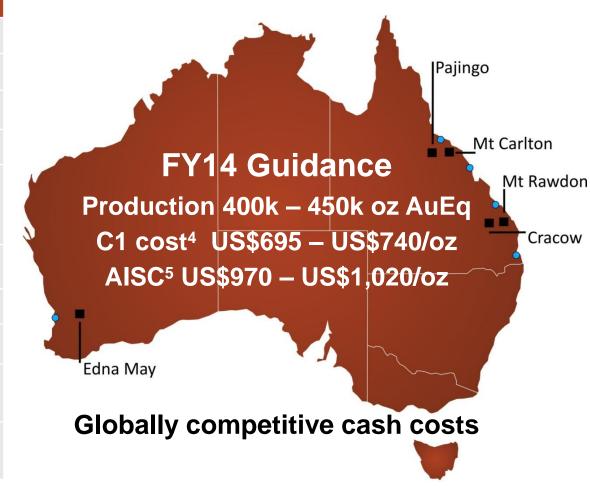


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- All US dollar values in this presentation are calculated using an AUD:USD exchange rate of \$0.90

#### **Australian Mid-tier Gold Producer**



Corporate Information	
ASX Code	EVN
Shares	708.7M
Market Capitalisation <sup>1</sup>	US\$600M
Daily Turnover <sup>2</sup>	US\$3.1M
Major Shareholders	Newcrest 32.6% Allan Gray 11.0% Van Eck Global 8.8%
Cash <sup>3</sup>	US\$33.3M
Debt <sup>3</sup>	US\$127.6M
Available Credit <sup>3</sup>	US\$52.4M
Forward Sales <sup>3</sup>	205,229oz at US\$1,434/oz
Dividend Policy	2% of revenue from gold equiv. production



- 1. At 19 March 2014
- 1 month average to 18 March 2014
- At 31 December 2013

- 4. C1 cost cost before royalties and after silver credits.
- 5. AISC (All in sustaining costs) include C1 cash cost, plus royalty expense, plus sustaining capital expense, plus general corporate and administration expenses plus exploration expense.

# **Corporate Strategy**



 Australia – a low political risk, first world jurisdiction with a high gold endowment

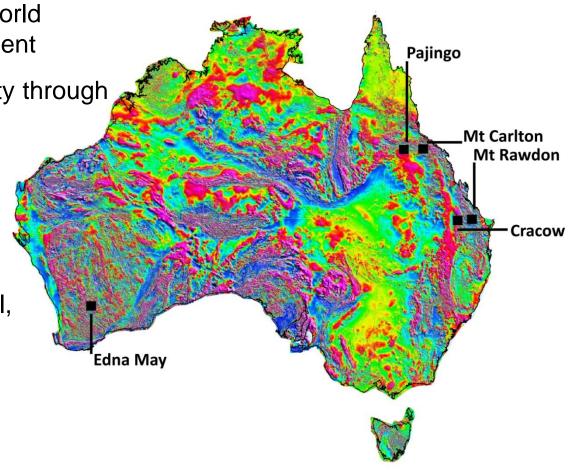
Operational stability and predictability through

a portfolio of similar sized mines

Improving the quality of the portfolio through productivity improvements and discovery

Commitment to growth through exploration and opportunistic, logical, value-accretive acquisitions

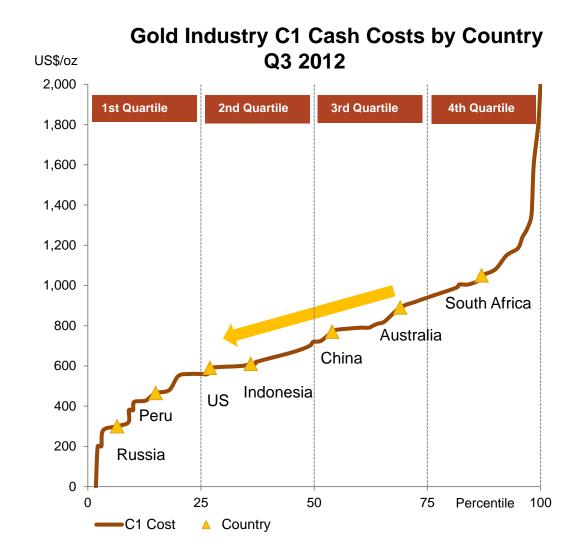
High performance team culture with clearly defined business plans and goals



# **The Australian Opportunity**



- A\$ falling
- Input costs reducing
- Productivity improving
- Talent returning to the sector
- Attractive political environment
- Rationalisation of the Australian gold industry



## **Core Strengths**













Low operational risk – portfolio of mines delivering consistent results

Solid reserve and resource base 3.6 Moz AuEq Ore Reserve 7.7 Moz AuEq Mineral Resource

**Excellent exploration potential** 

Growth oriented – gold production has increased by 30% since FY11

Strong capital discipline and dividend commitment

Ore Reserve and Mineral Resource details are provided within the December 2012 Resource and Reserve Statement at www.evolutionmining.com.au

Robust operations with low risk upside leverage to gold price

#### **Multi-asset Portfolio**







#### **Underground operations**

#### Cracow – consistently replacing mining depletion

- H1 FY14 production of 47,367oz at C1 of US\$662/oz and AISC of US\$953/oz
- H1 FY14 processed 256kt at 6.11g/t Au
- Reserves of 0.27Moz Au at 5.3g/t Au and Resources of 0.84Moz Au at 6.1g/t Au

#### Pajingo – operational turnaround underway

- H1 FY14 production of 29,204oz at C1 of US\$900/oz and AISC of US\$1,309/oz
- H1 FY14 processed 235kt at 4.05g/t Au
- Underground Reserves of 0.33Moz Au at 6.1g/t Au and Resources of 1.3Moz Au at 6.1g/t Au

#### Open pit operations

#### Mt Rawdon – robust production

- H1 FY14 production of 55,923oz at C1 of US\$533/oz and AISC of US\$690/oz
- H1 FY14 processed 1.8Mt at 1.05g/t Au
- Reserves of 1.0Moz Au at 0.8g/t Au and Resources of 1.3Moz Au at 0.7g/t Au
- Current 10 year mine life and LOM strip ratio of 2.2:1

#### Edna May – increasing plant throughput

- H1 FY14 production of 40,251oz at C1 of US\$852/oz and AISC of US\$1,071/oz
- H1 FY14 processed 1.2Mt at 1.09g/t Au
- Open pit Reserves of 0.7Moz Au at 1.0g/t Au and Resources of 1.4Moz Au at 0.9g/t Au
- Current 9 year mine life, LOM strip ratio of 2.1:1

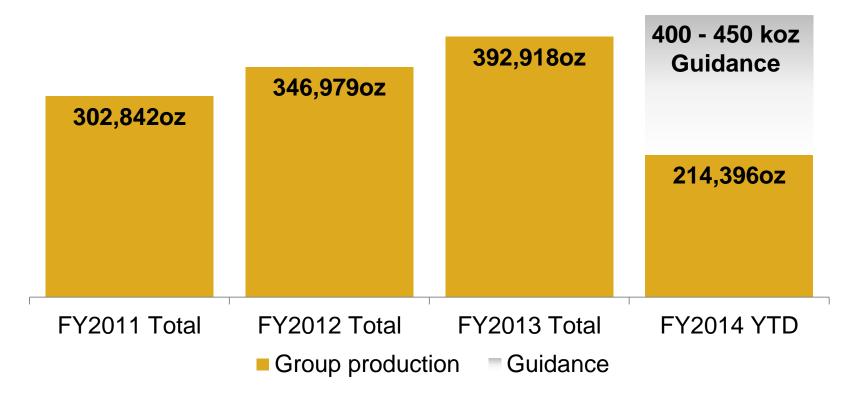
#### Mt Carlton – Evolution's newest mine

- H1 FY14 production of 41,651ozeq at C1 of US\$626/oz and AISC of US\$829/oz
- H1 FY14 processed 332kt at 5.72g/t Aueq.
- Current 12 year mine life and 800ktpa capacity plant conventional crush-grind-flotation
- Reserves of 1.2Moz gold equivalent and Resources of 2.2Moz gold equivalent

### **Delivering Reliability and Consistency**



- Delivering on production and cash cost guidance since creation
- Portfolio of five mines ensures a predictable performance
- Second largest ASX listed gold producer in terms of production ounces

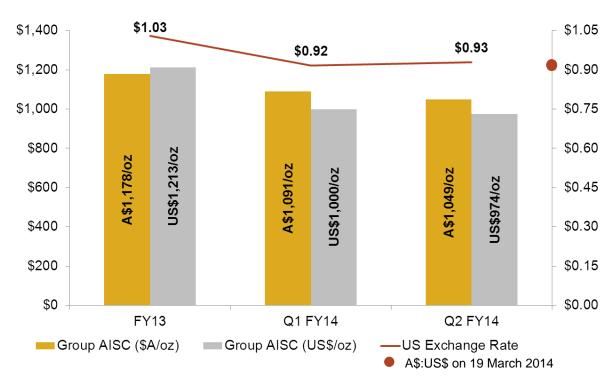


We say, We do, We deliver

## **Continuing to Deliver Productivity Gains**



- Commercial production achieved at Mt Carlton – delivering increased cash flow
- A change to owner-miner at Cracow in July 2013 – improved productivity and significant cost reductions achieved
- Productivity improvements at Mt Rawdon through larger blast holes, new digger, reduced haulage, and leach reactor to improve recoveries
- New leadership at Pajingo, reduced manning, campaign milling, employee roster changes

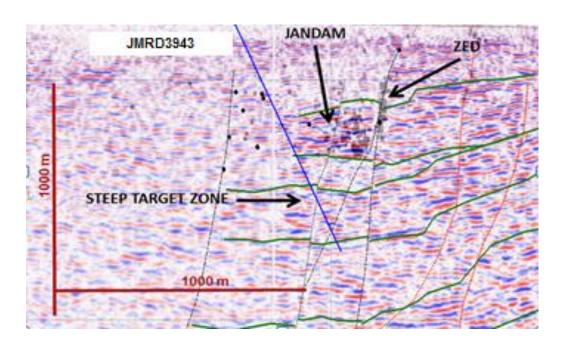


**Note:** In FY13 AISC was reported as A\$1,228/oz (included Discovery costs). In FY14, AISC definition excludes Discovery costs to align with the World Gold Council's recommendation. For comparison, A\$50/oz Discovery costs subtracted from FY13 AISC. US\$ AISC calculated using average AUD:USD FX for the period specified in chart..

# **Exciting Exploration Potential**



- Experienced team with a successful record working towards a transformational discovery
- A\$20 million commitment to exploration in FY14
- New scientific thinking focusing on integrating geochemical and geophysical databases to re-open regional prospectivity
- 4D Studies 3D geology models integrating geologic 'time' at Pajingo, Cracow and Mt Carlton



**Seismic Image:** Pajngo west-east cross-section. Proof of concept deep diamond hole testing vertical extension of Jandam – successfully intersected interpreted fault and veining

# H1 FY14 Highlights



- On track to achieve unchanged FY14 production, cost and capex guidance
  - H1 FY14 gold equivalent<sup>1</sup> production of 214,396 oz at C1 cost of US\$690/oz and AISC of US\$963/oz
- Successful commissioning and ramp-up of the new Mt Carlton mine
- Productivity and efficiency initiatives impacted meaningfully on cashflow with cashflow of US\$13.7M generated in Dec 2013 quarter
- H1 Net Profit of US\$31.9M and EBITDA of US\$99.8M
- Cash and available credit of US\$85.7M at 31 December 2013
- Modest gearing of 13%
- Interim dividend of 1cps based on gold-linked royalty style dividend policy

<sup>1.</sup> Gold equivalent is defined as gold plus payable silver from the A39 deposit at Mt Carlton. A39 silver production is converted to gold equivalent using a gold to silver ratio relevant to the quarter – see Company quarterly activity report notes for details

# The Evolution Value Proposition



#### Australia

- Low risk First World jurisdiction
- Second largest gold producer globally
- Globally competitive on costs and improving

#### Delivery

- Delivering on guidance since creation
- Delivering productivity gains
- Delivering on exploration upside

#### Gold dividend

Dividend linked to gold production and gold price

#### Growth

- Exploration funded through strong cash flow
- Opportunistic, logical acquisitions

# **Evolution Mining**

**ASX Code: EVN** 





## **FY14 Guidance**



Guidance FY2014	Gold Equiv. Production (oz)	C1 Cash Costs (A\$/oz)	Capital Expenditure (A\$M)
Cracow	82,500 – 90,000	840 – 890	30 – 35
Pajingo	72,500 – 80,000	800 – 850	30 – 35
Mt Rawdon	95,000 – 110,000	725 – 775	60 – 65
Edna May	85,000 – 95,000	800 – 850	25 – 30
Mt Carlton <sup>1</sup>	65,000 – 75,000	700 – 750	15 – 20
Group	400,000 – 450,000	770 – 820	160 – 185

FY14 production growth from Mt Carlton - Evolution's newest mine

<sup>1.</sup> Mt Carlton production guidance refers to payable metal and sums the gold produced from the V2 deposit and the silver produced from the A39 deposit after converting A39 silver production to a gold equivalent figure (on the basis of a commodity price ratio of A\$1,400/oz for gold and A\$23/oz for silver

## **FY14 AISC Guidance**



Guidance FY14	C1 Cash Operating Costs <sup>1</sup> (A\$/oz)	All-in Sustaining Costs <sup>2</sup> (A\$/oz)
Cracow	840 – 890	1,220 - 1,270
Pajingo	800 – 850	1,210 - 1,260
Mt Rawdon	725 – 775	860 - 910
Edna May	800 – 850	990 - 1,040
Mt Carlton	700 – 750	960 - 1,010
Group	770 – 820	
Incl. Corporate Costs		AISC: A\$1,080 - A\$1,130
Incl. Discovery and Major Projects		AIC: A\$1,300 - A\$1,370
	US\$690 - US\$740	AISC: US\$970-US\$1,020
		AIC: US\$1,170-US\$1,230

<sup>1.</sup> C1 cash costs represent the costs for mining, processing and administration after accounting for movements in inventory (predominantly ore stockpiles). It includes net proceeds from by-product credits, but excludes the cost of royalties and capital costs for exploration, mine development and plant and equipment.

FY14 capital spend now anticipated to be at the lower end of guidance

<sup>2.</sup> The additional costs of royalties, deferred open pit stripping, rehabilitation, sustaining capital add approximately A\$260/oz. Corporate costs of approximately A\$50/oz provide for Group All-in Sustaining Costs (AISC) of A\$1,080/oz to A\$1,130/oz. The main items are sustaining capital (approximately A\$200/oz) and royalties (approximately A\$80/oz). The AISC does not include an allocation for the discovery budget (A\$20M in FY14) or the cost of major projects.

#### **Mineral Resource Statement Dec 2012**



				N	Ineral Res	ource State	ment - Dece	mber 2012						
	Gold			Measured			Indicated			Inferred		Total Resource		
Project	Туре	Cut-Off	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)									
Pajingo	Open-Pit	0.5	0.01	3.6	1	0.17	5.0	28	0.32	1.2	12	0.51	2.6	42
Pajingo <sup>1</sup>	Underground	2.5	1.14	8.4	306	3.27	5.9	621	2.06	5.1	337	6.46	6.1	1,264
Cracow <sup>1</sup>	Underground	2.3	0.28	8.6	79	1.11	7.7	275	2.90	5.2	488	4.29	6.1	842
Edna May <sup>1</sup>	Open-Pit	0.4	21.1	0.9	629	16.5	1.0	514	8.18	0.9	226	45.8	0.9	1,369
Edna May	Underground	3.0	-	-	-	0.63	7.2	146	0.58	6.9	128	1.21	7.1	273
Mt Carlton	Open-Pit	0.35	9.28	2.0	587	14.7	1.5	695	1.41	1.5	68	25.4	1.7	1,350
Mt Rawdon <sup>1</sup>	Open-Pit	0.23	1.84	0.4	23	51.5	0.7	1,203	3.42	0.6	62	56.7	0.7	1,288
Twin Hills	Open-Pit	0.5	-	-	-	2.42	2.2	170	0.64	1.7	35	3.06	2.1	204
Twin Hills	Underground	2.3	0.54	4.1	71	0.32	3.5	36	0.70	3.9	87	1.56	3.9	194
	Total		34.1	1.5	1,696	90.6	1.3	3,688	20.2	2.2	1,443	145	1.5	6,827

	Silver			Measured			Indicated			Inferred		T	otal Resour	ce
Project	Туре	Cut-Off	Tonnes (Mt)	Silver Grade (g/t)	Silver Metal (koz)									
Mt Carlton <sup>1</sup>	Open-Pit	*	11.7	57	21,437	14.9	19	9,004	1.51	16	796	28.1	35	31,237
	Total		11.7	57	21,437	14.9	19	9,004	1.51	16	796	28.1	35	31,237

	Copper Measured			Indicated				Inferred		Total Resource				
Project	Туре	Cut-Off	Tonnes (Mt)	Copper Grade (%)	Copper Metal (kt)									
Mt Carlton <sup>1</sup>	Open-Pit	*	11.7	0.24	27.9	14.9	0.21	32.1	1.51	0.20	3.0	28.1	0.22	63.1
	Total		11.7	0.24	27.9	14.9	0.21	32.1	1.51	0.20	3.0	28.1	0.22	63.1

		Measured			Indicated			Inferred		Total Resource		
Gold Equivalent	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)
Total Group	36.5	1.9	2,228	90.9	1.4	3,992	20.3	2.3	1,470	148	1.6	7,691

#### Notes

Data is reported to significant figures and differences may occur due to rounding Mineral Resources are reported inclusive of Ore Reserves

The gold equivalence calculation represents total metal value for each metal summed and expressed in equivalent gold grade and ounces. The prices used in the calculation being A\$1350/oz Au, A\$28.00/oz Ag and A\$2.00/lb Cu

Includes stockpiles

<sup>\*</sup> Combined figure for V2 using 0.35g/t Au cut-off and A39 using 42g/t Ag cut-off

Metallurgical recovery to concentrate of 90.0% for gold, 92.0% for silver at V2 and 88.0% for silver at A39 and 92.0% for copper as indicated by metallurgical testwork 1 Troy Ounce = 31.1034768 grams

Au Eq for Silver = ((Price Ag per Oz x Ag Recovery)/(Price Au per Oz x Au Recovery)) x Ag Grade

Au Eq for Copper = ((Price Cu per lb x 2204.623) x (Cu Recovery)) / ((Price Au per Oz x Au Recovery / 31.1034768) x (Cu Grade / 100))

#### **Ore Reserve Statement Dec 2012**



	Gold			Proved			Probable		Total Reserve			
Project	Туре	Cut-Off	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	
Pajingo	Open-Pit	0.65	0.01	3.9	1	0.17	5.6	30	0.18	5.5	31	
Pajingo <sup>1</sup>	Underground	3.0	0.56	7.1	129	0.88	6.0	169	1.44	6.4	298	
Cracow <sup>1</sup>	Underground	3.6	0.17	8.3	46	1.44	4.9	226	1.61	5.3	273	
Edna May <sup>1</sup>	Open-Pit	0.4	13.4	0.9	402	9.14	1.0	306	22.5	1.0	709	
Mt Carlton	Open-Pit	0.69	4.52	3.1	446	4.61	2.5	366	9.13	2.8	812	
Mt Rawdon <sup>1</sup>	Open-Pit	0.3	1.08	0.5	17	38.7	0.8	1,009	39.8	0.8	1,026	
	Total		19.7	1.6	1,042	54.9	1.2	2,106	75	1.3	3,148	

	Silver Proved				Probable		Total Reserve				
Project	Туре	Cut-Off	Tonnes (Mt)	Silver Grade (g/t)	Silver Metal (koz)	Tonnes (Mt)	Silver Grade (g/t)	Silver Metal (koz)	Tonnes (Mt)	Silver Grade (g/t)	Silver Metal (koz)
Mt Carlton <sup>1</sup>	Open-Pit	**	5.81	69	12,969	4.61	20	2,991	10.4	48	15,960
	Total		5.81	69	12,969	4.61	20	2,991	10.4	48	15,960

	Copper		Proved			Probable		Total Reserve			
Project	Туре	Cut-Off	Tonnes (Mt)	Copper Grade (%)	Copper Metal (kt)	Tonnes (Mt)	Copper Grade (%)	Copper Metal (kt)	Tonnes (Mt)	Copper Grade (%)	Copper Metal (kt)
Mt Carlton <sup>1</sup>	Open-Pit	**	5.81	0.29	17.1	4.61	0.23	10.5	10.4	0.26	27.6
	Total		5.81	0.29	17.1	4.61	0.23	10.5	10.4	0.26	27.6

		Proved			Probable		Total Reserve			
Gold Equivalent	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	Tonnes (Mt)	Gold Equiv. Grade (g/t)	Gold Equiv. Metal (koz)	
Total Group	21.0	2.0	1,365	54.9	1.2	2,204	75.9	1.5	3,570	

#### Notes:

Data is reported to significant figures and differences may occur due to rounding <sup>1</sup> Includes stockpiles

The gold equivalence calculation represents total metal value for each metal summed and expressed in equivalent gold grade or ounces. The prices used in the calculation being A\$1350/oz Au, A\$28.00/oz Ag and A\$2.00/lb Cu

metallurgical recovery to concentrate of 90.0% for gold, 92.0% for silver at V2 and 88.0% for silver at A39 and 92.0% for copper as indicated by metallurgical testwork

<sup>\*\*</sup> Combined figure for V2 using 0.69g/t Au cut-off and A39 using 53g/t Ag cut-off

<sup>1</sup> Troy Ounce = 31.1034768 grams

Au Eq for Silver = ((Price Ag per Oz x Ag Recovery)/(Price Au per Oz x Au Recovery)) x Ag Grade

Au Eq for Copper = ((Price Cu per lb x 2204.623) x (Cu Recovery)) / ((Price Au per Oz x Au Recovery / 31.1034768) x (Cu Grade / 100))

#### **Competent Person Statement**



The information in this presentation that relates to exploration results, Mineral Resources or Ore Reserves listed in the table below is based on work compiled by the person whose name appears in the same row, who is employed on a full-time basis by the employer named in that row and is a member of the institute named in that row. Each person named in the table below has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he or she has undertaken to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code, 2004). Each person named in the table consents to the inclusion in this report of the matters based on their information in the form and context in which it appears.

Activity	Name of Competent Person	Employer	Institute
Cracow Mineral Resources	Shane Pike	Evolution Mining	Australasian Institute of Mining and Metallurgy
Cracow Ore Reserves	Fusheng Li	Evolution Mining	Australasian Institute of Mining and Metallurgy
Pajingo Mineral Resources	Hans Andersen	Evolution Mining	Australasian Institute of Mining and Metallurgy
Pajingo Ore Reserves: Open-Pit	Tony Wallace	Evolution Mining	Australasian Institute of Mining and Metallurgy
Pajingo Ore Reserves: Underground	Ian Patterson	<b>Evolution Mining</b>	Australasian Institute of Mining and Metallurgy
Edna May Ore Reserves	Luke Cox	<b>Evolution Mining</b>	Australasian Institute of Mining and Metallurgy
Edna May Mineral Resources	John Winterbottom	Formerly Evolution Mining	Australian Institute of Geoscientists
Mt Rawdon Mineral Resources	Hans Andersen	<b>Evolution Mining</b>	Australasian Institute of Mining and Metallurgy
Mt Rawdon Ore Reserves	Tony Wallace	<b>Evolution Mining</b>	Australasian Institute of Mining and Metallurgy
Mt Carlton Mineral Resources	John Winterbottom	Formerly Evolution Mining	Australian Institute of Geoscientists
Mt Carlton Ore Reserves	Tony Wallace	Evolution Mining	Australasian Institute of Mining and Metallurgy
Twin Hills Mineral Resources	John Winterbottom	Formerly Evolution Mining	Australian Institute of Geoscientists

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