

# 2015 Half Year Financial Results

13 February 2015

Sandeep Biswas Managing Director and CEO

Gerard Bond Finance Director and CFO



## Disclaimer

#### **Forward Looking Statements**

These materials include forward looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

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#### Ore Reserves and Mineral Resources Reporting Requirements

As an Australian company with securities listed on the Australian Securities Exchange ("ASX"), Newcrest is subject to Australian disclosure requirements and standards, including the requirements of the Corporations Act and the ASX. Investors should note that it is a requirement of the ASX listing rules that the reporting of ore reserves and mineral resources in Australia comply with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code") and that Newcrest's ore reserve and mineral resource estimates comply with the JORC Code. On 28 November 2014 Newcrest ceased to be a reporting issuer in Canada.



## Disclaimer

#### **Competent Person's Statement**

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources and Ore Reserves and other scientific and technical information, is based on information compiled by Mr C. Moorhead. Mr Moorhead is the Executive General Manager Minerals and a full-time employee of Newcrest Mining Limited. He is a shareholder in Newcrest Mining Limited and is entitled to participate in Newcrest's executive equity long term incentive plan, details of which are included in Newcrest's 2014 Remuneration Report. Ore Reserves growth is one of the performance measures under that plan. He is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Moorhead has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code. Mr Moorhead consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears including sampling, analytical and test data underlying the results.

The information in this presentation that relates to Golpu Mineral Resources and Ore Reserves is based on and accurately reflects reports prepared by Mr G. Job. Mr Job is Executive General Manager for Minerals and Strategic Planning for the Morobe Mining Joint Ventures, a full time employee of and seconded to the JVs from Harmony Gold Mining Company Limited, Newcrest's joint venture partner in each of the Morobe Mining Joint Ventures. He is entitled to participate in Harmony's equity long term incentive plan, details of which are included in Harmony's 2014 Remuneration Report. He is a Member of The Australasian Institute of Mining and Metallurgy. Mr Job 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 JORC Code. Mr Job consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

#### Non-IFRS Financial Information

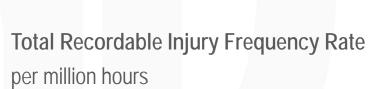
This presentation is a summary document and should be read in conjunction with the Appendix 4D on the ASX platform. Newcrest results are reported under International Financial Reporting Standards (IFRS) including EBIT (earnings before interest and tax) and EBITDA (earnings before interest, tax, depreciation and amortisation) which are used to measure segment performance. This presentation also includes certain non-IFRS financial information including **Underlying profit** (profit after tax before significant items attributable to owners of the parent company), **All-In Sustaining Cost** (determined in accordance with the World Gold Council Guidance Note on Non-GAAP Metrics released June 2013), **Free cash flow** (cash flow from operating activities less cash flow related to investing activities), **EBITDA margin** (EBITDA expressed as a percentage of revenue) and **EBIT margin** (EBIT expressed as a percentage of revenue). These measures are used internally by management to assess the performance of the business and make decisions on the allocation of resources and are included in this presentation to provide greater understanding of the underlying performance of the Company's operations. When reviewing business performance, this non-IFRS information should be used in addition to, and not as a replacement of, measures prepared in accordance with IFRS. The non-IFRS information has not been subject to audit or review by Newcrest's external auditor. Newcrest Group All-In Sustaining Costs will vary from period to period as a result of various factors including production performance, timing of sales, the level of sustaining capital and the relative contribution of each asset. Reconciliations of non-IFRS measures to the most appropriate IFRS measure are provided in slide 28 in this presentation.



# Safety

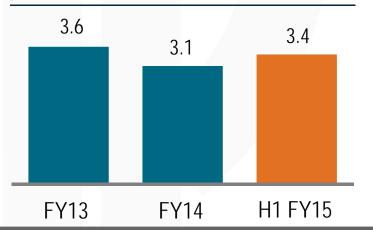
FY13

# Lost Time Injury Frequency Rate per million hours 0.65 0.36 0.29



FY14

H1 FY15



- Fatality at Hidden Valley December 2014
- Strengthened focus on major hazards and Significant Potential Incidents
- Environmental incident rates decreased 40% compared to same period in FY14

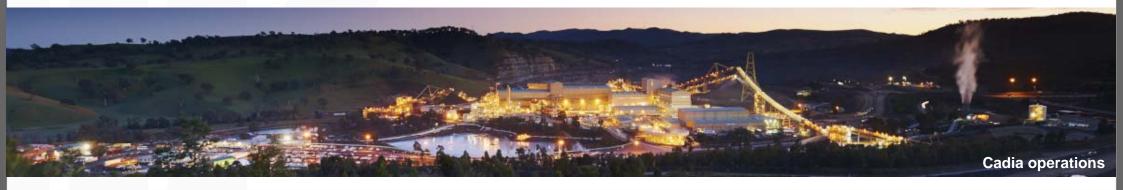


Lihir emergency response team training



# **Executive Summary**

- Statutory profit and Underlying profit<sup>1</sup> of A\$200M
- Free cash flow of A\$268M
- A\$257M (US\$220M) of debt repaid and debt maturity profile extended
- Gold production down 6% half-on-half to 1.1Moz
- Copper production up 19% half-on-half to 50.3kt
- EBITDA margin<sup>1</sup> steady at 36%
- 9% lower All-In Sustaining Cost<sup>1</sup> of A\$917/oz (US\$819/oz<sup>2</sup>)

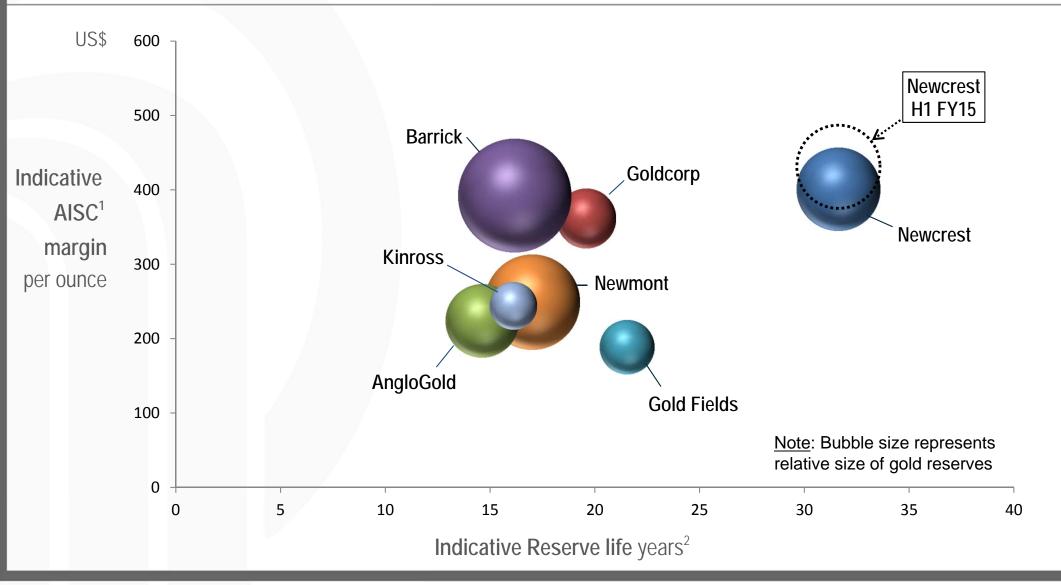




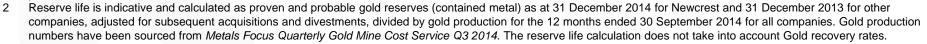
1 Refer to slide 2 "Non-IFRS Financial Information statement"

2 At an A\$:US\$ exchange rate of \$0.8927

# Industry leading All-In Sustaining Cost margin and reserve life



1 AISC data has been sourced from *Metals Focus Quarterly Cost service Q3 2014*, all numbers are 12 months to 30 September 2014 and AISC margin is calculated at a gold price of US\$1,250.



NEWCREST

# EDGE – comprehensive, company-wide improvement program

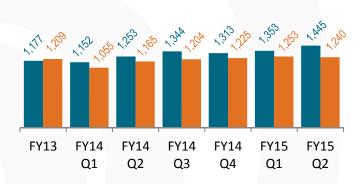
- Edge is pursuing sustained cash flow uplift
- Execution of initiatives with rigorous performance management underway over past 9 months
- Transformation engages the whole organisation:
  - 900+ initiatives
  - 350+ initiative owners
- Program pulls all business improvement levers, covering all operations and organisational culture
- To date have realised ~A\$170M<sup>1</sup> of cash benefits (as at 31 December 2014)





# Lihir – underlying issues being addressed

All In Sustaining Cost per ounce



A\$ AISC US\$ AISC

Gold production

koz



#### Operational overview

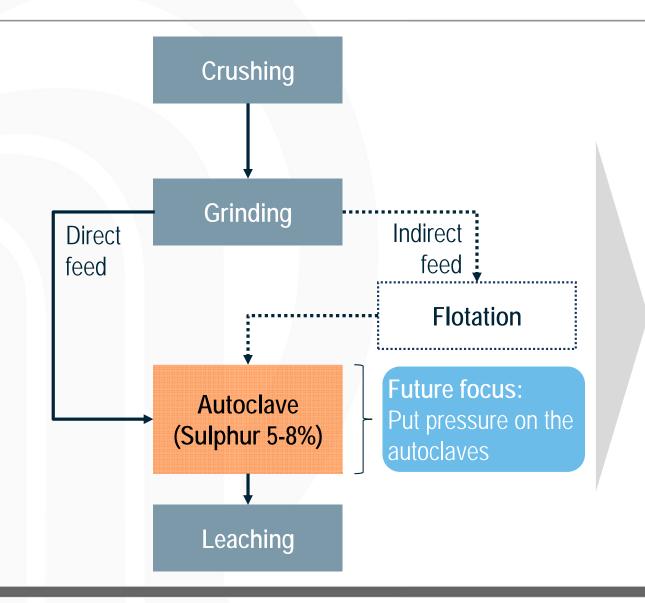
- Gold grade down 15% to 2.35g/t (from 2.76g/t in December 2013 half) in line with expectations
- Gold production down 18% to 315koz compared to December 2013 half
- Continuation of unplanned maintenance issues
- New management and technical team fully in place in December 2014
- Focus remains on key levers of uptime, intensity and recovery

#### Edge improvement initiatives

- Initiatives have focussed on root cause drivers of crushing, conveying and milling efficiencies
- Targeting 12mtpa grinding throughput rate by end of calendar year 2015
- Edge programme intensifying focus on improvements in productivity and costs
- New operating strategy being implemented from mid-December with positive indications



# Flexible plant that enables us to optimise recovery and throughput



Levers discussed at investor day 2014 to maximise cash generation ability from the autoclaves:

- Blending the level of sulphur in feed
- Balancing flotation to direct feed
- Balancing oxygen to sulphur ratio
- Increasing autoclave GEHO pump rates
- Optimising oxygen capacity



# Lihir – New operating strategy

Prior operating strategy

Old strategy: Maximise gold recovery in autoclaves

- Manage feedstock through suboptimal mining and milling processes to achieve 5-8% sulphur levels
- Oxidise (burn) 90%+ of sulphur to maximise gold recovery

Mills and mine capacity fluctuate to balance sulphur requirements for autoclaves

Challenging set thinking

#### Shift in approach:

Moving from managing the autoclave feed sulphur concentration to maximising gold bearing sulphur mass flow to the autoclaves.

Examination of the underlying mineralogy identified 2 main types of pyrite

- Microcrystalline pyrite more reactive with higher gold content
- Crystalline (blocky) pyrite appears less reactive with lower gold content that burns slower

New operating strategy

New strategy: Maximise gold production throughput in autoclaves

- Manage throughput of sulphur through autoclaves to maximise gold production.
- Extent of oxidation is optimised/reduced with limited impact on gold recovery
- Applies to most but not necessarily all ore types

Mills and mine now operate at increased capacity

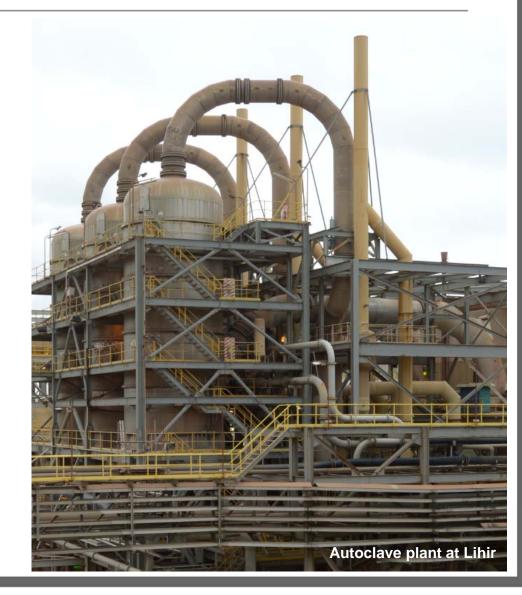
Net impact = increased gold production at lower unit cost



# Lihir – Optimising oxygen capacity

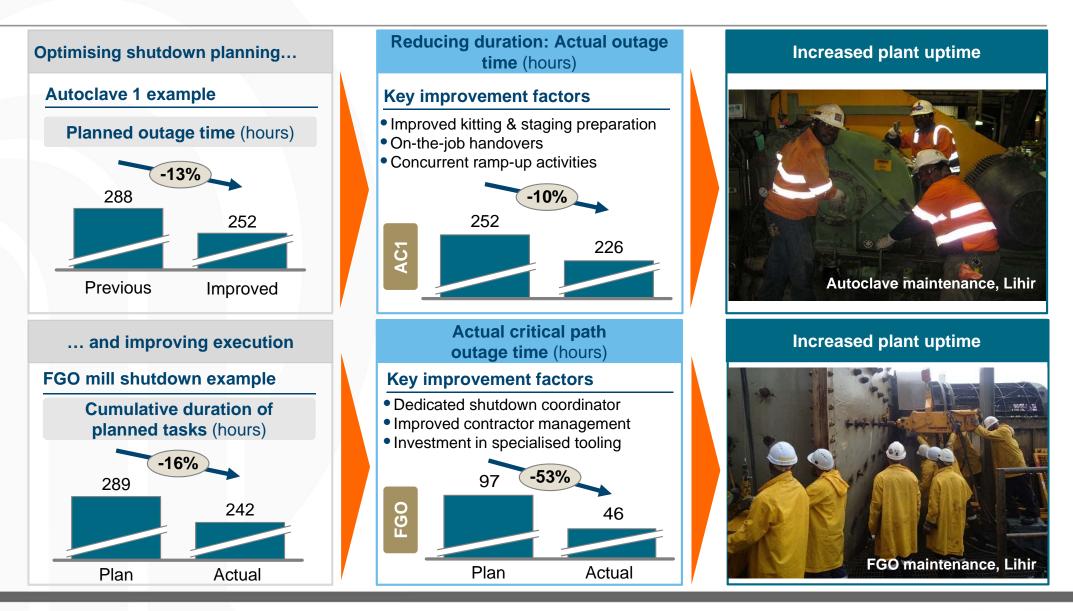
### February 2015

- Taking autoclaves 1,2 & 3 off line to install modern oxygen flow meters (autoclaves 2&3 also having regular maintenance impacting February production)
- New flow meters increase capacity and flexibility in the autoclave circuit
- Increases direct feed ore into autoclaves





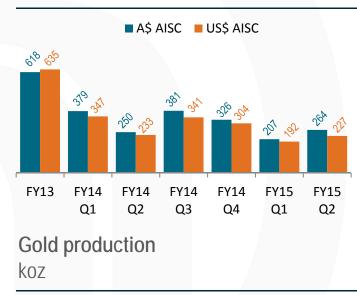
# Lihir plant uptime: Improving shutdown planning and execution





# Cadia – exceeding expectations

All In Sustaining Cost per ounce





#### Performance overview

- Cadia East ramping up in FY15 ahead of schedule
- Gold production 4% higher than the corresponding period
- Copper production 21% higher than corresponding period
- Cadia East Panel Cave 2 achieved commercial production
- Surface breakthrough of Panel Cave 1

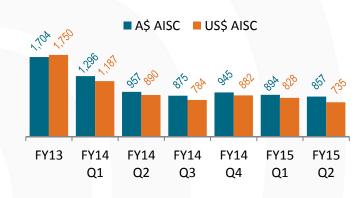
#### Edge improvement initiatives

- Low cost capital improvements on Ridgeway fixed plant increased productivity by 14%
- Increased loader capacity and concreting loader routes at Cadia East increasing productivity by 22% over plan
- Panel Cave 2 development lowering costs from ~\$14,000 per metre down to ~\$11,000 per metre through improved planning and efficiency, requiring less labour



# Telfer – strong performance, future options review broadened





Gold production koz



#### Performance overview

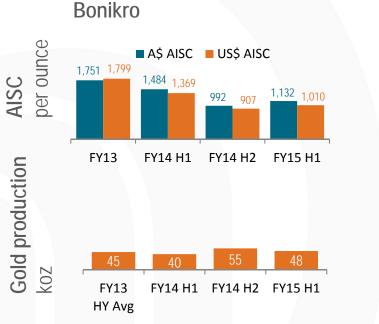
- Gold production down 2% compared to corresponding period
- Copper production was up 14% compared to corresponding period
- Next cutback investment continues to be evaluated
- Future options review broadened to encompass:
  - Hedging fuel and A\$ metal prices for cutback period
  - Alternative ownership options

#### Edge improvement initiatives

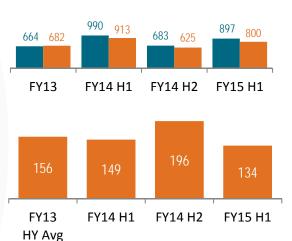
 Renegotiated major contracts (tailings dam lift, underground mining, mobile fleet maintenance, site services) resulting in approx. A\$30M of annual savings



# Other operations' half year performance compared with corresponding period

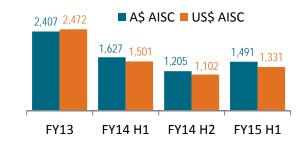


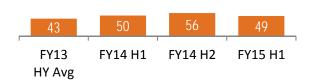
#### Gosowong



■ A\$ AISC ■ US\$ AISC

#### Hidden Valley





#### Performance overview against corresponding period

- A\$ AISC/oz down 24%
- Gold production up 20% to 48koz
- Gold grade up 15% to 1.62g/t (from 1.41g/t) in line with expectations
- A\$ AISC/oz down 9% due to lower sustaining capital expenditure
- Gold grade up 2% to 12.06g/t (from 11.83g/t)
- Calendar year reserves depletion largely replaced in updated reserves statement

- Fatality 6 December 2014
- A\$ AISC/oz down 8% due to lower sustaining capital expenditure
- Gold production was down 2% to 49koz





# 2015 Half Year Financial Results

Gerard Bond Finance Director & CFO

# 2015 Half Year financial highlights

#### Profitability

- Statutory profit and Underlying profit<sup>1</sup> of A\$200M
- AISC spend of A\$1.05bn 12% lower than corresponding period
- EBITDA<sup>1</sup> of A\$730M
- EBITDA margin<sup>1</sup> 36.3%

#### **Cash Flow**

- Cash flow from operating activities of A\$566M
- Free cash flow of A\$268M
- All operations generated positive free cash flow

#### Balance Sheet as at 31 December 2014

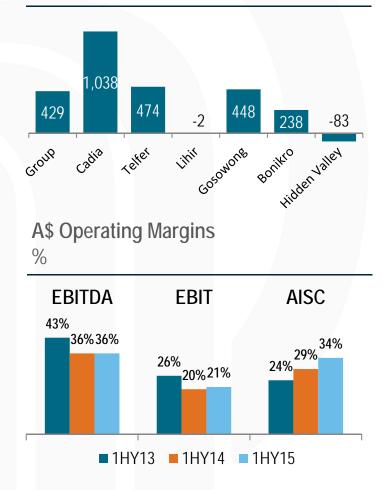
- A\$257M (US\$220M) of debt repaid
- Net debt of A\$4,291M
- A\$2,310M in cash and undrawn bank facilities





# Cadia and Telfer performances underpin increased margin

All In Sustaining Cost margin HY15 US\$/oz



#### Performance overview

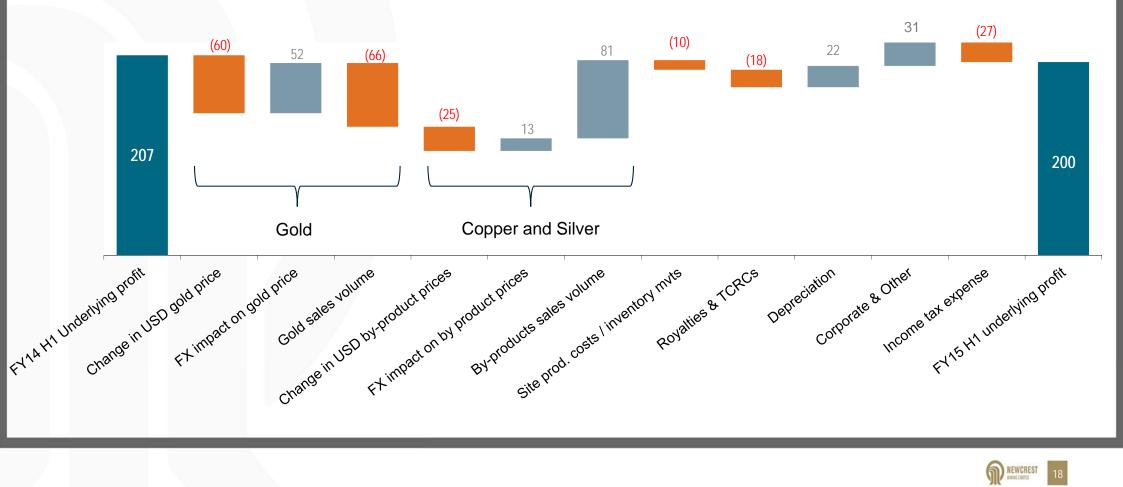
- Increased production from higher margin Cadia and Telfer
- Lower stripping and sustaining capital spend
- Company-wide improvement program Edge continues to target operational efficiencies and capital and cost reductions
- Significant potential at Lihir with successful implementation of Edge program.
- Realised gold (A\$1,398/oz) and copper (A\$3.48/lb) prices were flat compared to corresponding period
  - 4% fall in US\$ gold price, 5% fall in US\$ copper price
  - 3% weakening of AUD to USD
- Total headcount reduction of 21% since June 2013
  - Project and other contractors down 48%
  - Permanent workforce down 13%



# Group underlying profit

#### Underlying profit down 3% to A\$200M compared to corresponding period

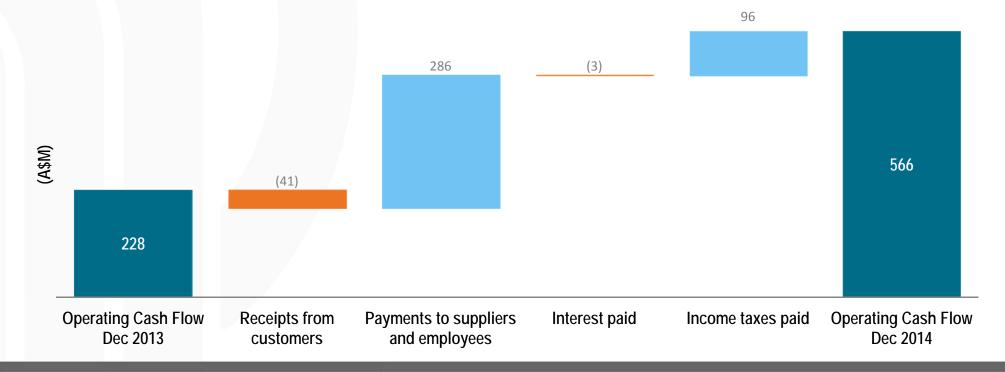
- Lower USD commodity prices largely offset by lower AUD FX rate
- Increased copper by-products offset by fall in gold production



# Cash flow from operations

#### A\$338M or 148% higher than corresponding period

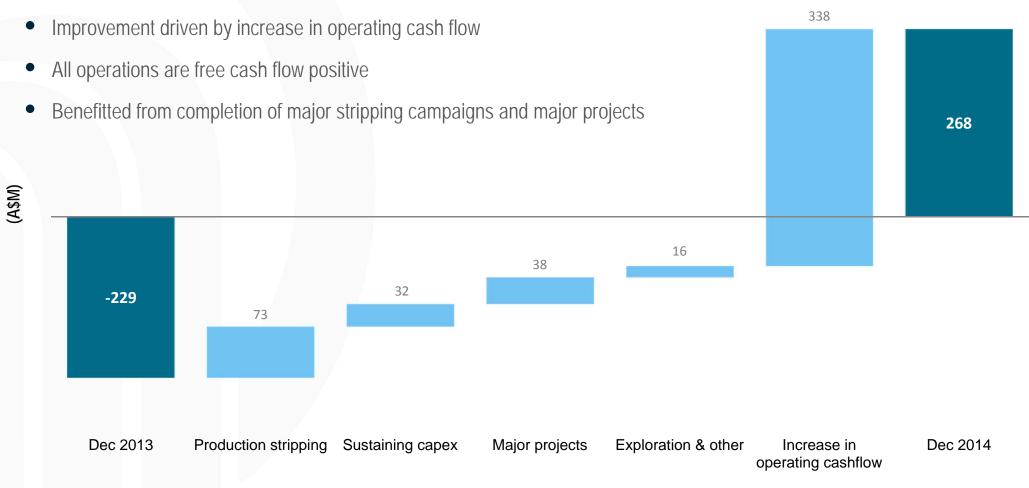
- Significantly lower payments to suppliers and employees
- Voluntary R&D tax adjustment in corresponding period
- Marginally lower receipts from customers due to marginally lower sales volume





# Free cash flow

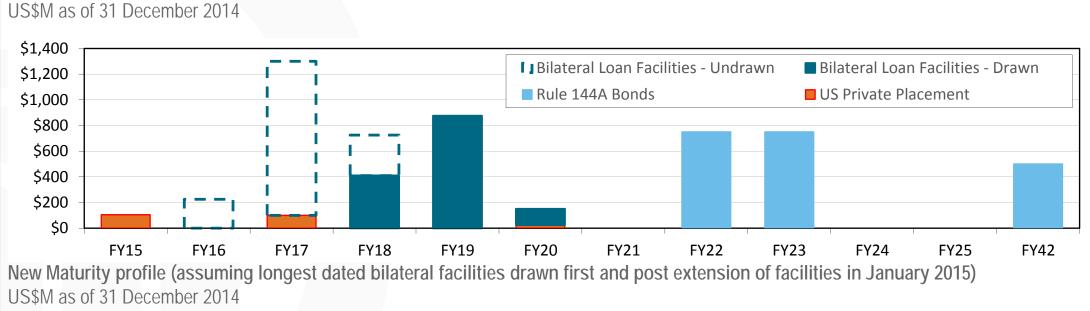
#### A\$497M higher than corresponding period

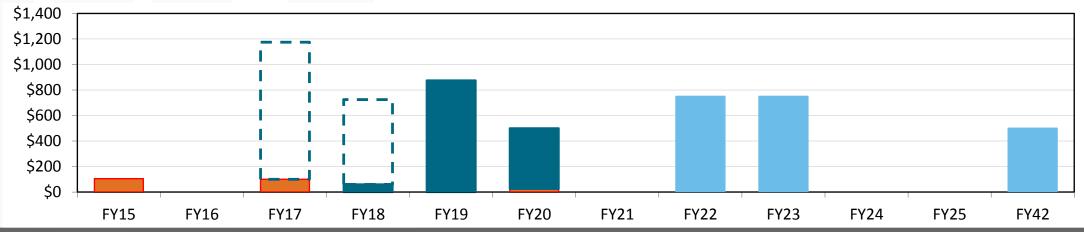




# Debt structure – bank facilities further extended in January 2015

Maturity profile (assuming longest dated bilateral facilities drawn first)







# FY15 foreign exchange sensitivities<sup>1</sup> and oil hedges

III Year BIT Impact
S\$ 14M
S\$ 4 M S\$ 5 M

#### Oil hedges entered into for FY 15

Site	Fuel	Unit	Quantity	
Lihir	Gasoil <sup>2</sup>	'000 bbl	189	
Hidden Valley	Gasoil	'000 bbl	111	Fu co:
Cadia	Gasoil	'000 bbl	96	ref
Telfer	Gasoil	'000 bbl	199	
Gosowong	Gasoil	'000 bbl	237	gui
Total	Gasoil	'000 bbl	832	FY
Lihir	HFO <sup>3</sup>	'000 T	183	

1 Each sensitivity is calculated on a standalone basis

2 Gasoil hedges at an average cost of US\$ 119/bbl

3 Heavy Fuel Oil hedges at average cost of US\$603/MT





# 2015 Half Year Financial Results

Sandeep Biswas – Managing Director & Chief Executive Officer

# Golpu progressing to feasibility study

- World class ore body with mineral resources of 9 million tonnes of copper and 20 million ounces of gold<sup>1</sup>
- Highlights of updated pre-feasibility study stage one<sup>2</sup>
  - Stage one capital expenditure is forecast at US\$2.3B
  - First production targeting 2020
  - Approximate mine life of 27 years
  - Copper C1 cash cost US\$0.78/lb
  - Gold AISC estimated to be negative US\$1,685/oz
  - Initial block cave operating at 3Mtpa which will be replaced by a deeper block cave operating at 6Mtpa from 2024
- Stage 2 progressing to pre-feasibility study



<sup>&</sup>lt;sup>1</sup> Newcrest Annual Statement of Mineral Resources and Ore Reserves as at December 31, 2014. <sup>2</sup> Estimates are from a prefeasibility study and as such are subject to an accuracy range of  $\pm 25\%$ 

# Summary

- Strong cost and production performance at Cadia and Telfer for the half
- Gold production guidance increased to between 2.3 2.5 million ounces
- AISC guidance reduced to between 2.3 2.5 billion dollars
- AISC of A\$917 per ounce and AISC margin of A\$481 per ounce

#### 3 key focus areas

Operating discipline (including safety)

Cash generation

Profitable growth

Underpinned by a culture of accountability and personal ownership







# Questions & answers



# Appendices

# "Underlying Profit" Reconciliation

6 months ended	31 December 2014 A\$M	31 December 2013 A\$M
Statutory Profit	200	40
Research and development tax claim amendment	-	120
Asset impairment (after-tax)	-	52
Non-controlling interest impact	-	(5)
Total Significant Items	-	167
Underlying profit <sup>1</sup>	200	207
Non-controlling interest in controlled entities <sup>2</sup>	7	9
Income tax expense <sup>3</sup>	127	100
Net finance costs	90	88
EBIT <sup>4</sup>	424	404
Depreciation and amortisation	306	327
EBITDA <sup>4</sup>	730	731

1 Underlying profit has been presented to assist in the assessment of the relative performance of the Group.

2 Excludes asset impairment attributable to non-controlling interests.

3 Excludes income tax applicable to significant items in the 31 December 2013 period

4 EBIT and EBITDA are used to measure segment performance and have been extracted from the segment information disclosed in the ASX Appendix 4D.



# 2015 financial year production guidance<sup>1</sup>

Operation	<b>Gold Production</b>		
Cadia	610 – 650 koz		
Lihir	680 – 720 koz		
Telfer	510 – 560 koz		
Gosowong	300 – 360 koz		
Hidden Valley (50%)	90 – 110 koz		
Bonikro	100 – 120 koz		
Group	2.3 – 2.5 Moz		

Operation	Copper Production
Cadia Valley	~ 70 kt
Telfer	~ 25 kt
Group	90 – 100 kt
Operation	Silver Production
Group	2.2 – 2.5 Moz



<sup>1</sup> Please refer to Forward Looking Statements note

# 2015 cost and capital guidance<sup>1</sup>

	Cadia A\$M	Lihir A\$M	Telfer A\$M	Gosowong (100%) A\$M	Hidden Valley (50%) A\$M	Bonikro (100%) A\$M	Corporate & Other A\$M	Group A\$M
<ul> <li>All-In Sustaining Cost (key components)</li> <li>Operating costs (post by-product credits)<sup>2</sup></li> </ul>	120-140	765-855	430-460	210-225	115-130	80-100	-	1,750-1,900
• On-site exploration expenditure	3-4	1-2	3-5	10-15	-	3-4	-	20-30
<ul> <li>Production stripping<sup>3</sup></li> </ul>	-	50-60	-	-	23-30	2-3	-	75-90
Sustaining capital <sup>3</sup>	75-85	80-90	50-60	40-50	15-25	10-15	5-10	275-300
Corporate, rehabilitation and other	-	2-3	20-27	5-10	5-10	1-2	100-120	120-150
All-In Sustaining Cost	200-220	900-1,000	500-530	270-300	165-185	95-115	100-130	2,300-2,500
<ul> <li>Capital expenditure</li> <li>Production stripping<sup>3</sup></li> </ul>	-	50-60	-	-	23-30	2-3	-	75-90
Sustaining capital <sup>3</sup>	75-85	80-90	50-60	40-50	15-25	10-15	5-10	275-300
Projects and development capital	240-280	-	-	-	-	10-15	20-25	270-300
Total capital expenditure	315-365	130-150	50-60	40-50	38-55	22-33	25-35	620-690
Exploration expenditure								50-60
Depreciation and amortisation (including production stripping)					720-770			

<sup>1</sup> Please refer to Forward Looking Statements note

Assumes copper price of US\$2.50/lb, silver price of US\$20 per ounce and AUD:USD exchange rate of 0.80
 Duplicated above under All-in Sustaining Costs and under Capital expenditure



## Long-term metal assumptions used for Reserves and Resources estimates

Long Term Metal Assumptions	Newcrest Managed	MMJV Managed				
Mineral Resources Estimates						
Gold Price	US\$ 1,350/oz	US\$ 1,400/oz				
Copper Price	US\$3.40/lb	US\$3.50/lb				
Silver Price	US\$23/oz	US\$25/oz				
Ore Reserves Estimates						
Gold Price	US\$ 1,250/oz	US\$ 1,250/oz				
Copper Price	US\$3.00/lb	US\$3.10/lb				
Silver Price	US\$20/oz	US\$21/oz				
FX Rate USD:AUD	0.85	0.90				



# Estimated second half FY15 profit sensitivities<sup>1</sup>

Parameter	Base Case	Movement	FY15 EBIT Impact A\$M	FY15 AISC Impact A\$M	FY15 AISC Impact A\$/oz
Gold Price	US\$1,250	US\$10/oz	16.0	0.6	0.2
Copper Price	US\$2.50/lb	US\$0.05/lb	6.1	6.1	2.6
Silver Price	US\$20/oz	US\$0.50/oz	0.7	0.7	0.3
FX Rate <sup>2</sup>	AUD1 = USD0.80	US\$0.01	17.1	7.5	3.1

1 Each sensitivity is calculated on a standalone basis. Movements in H2 FY15 are expected to impact the full year results by the amount stated.

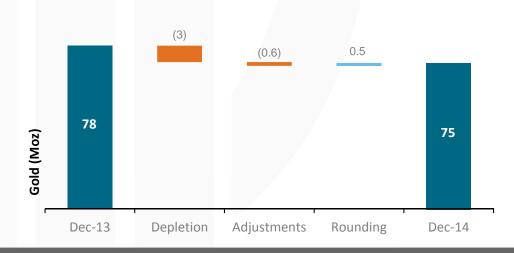
2 Reflects impact of translation of US\$ revenue and US\$ functional currency costs



# **Reserves and resources movements**

#### 

Newcrest Gold Mineral Resource Changes FY14



#### Key drivers

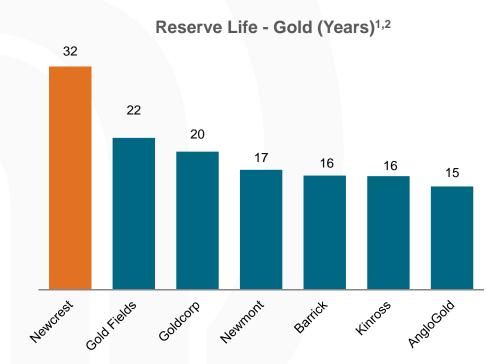
- Telfer removal of M-Reefs from Main Dome pit optimisation plus sensitivity to exchange rate.
- Cadia Hill & Bonikro application of a more conservative constraining pit-shells and increased cut-off grades
- Gosowong increase due to incremental growth at Toguraci and Kencana.

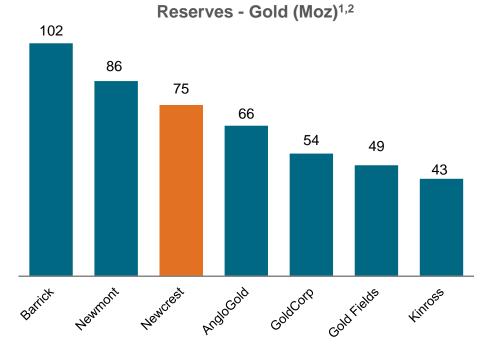
#### Key drivers

- Telfer redesign of Main Dome pit due to proposed underground mining of M-Reefs + sensitivity to exchange rate.
- Bonikro redesign of Pushback 5 + application of a higher cutoff grade
- Partially offset by increases at Gosowong (resource additions) and Lihir (pit redesign)



# Peer comparison reserves and reserve life





1 Reserves reflect proven and probable gold reserves (contained metal) as at 31 December 2014 for Newcrest and 31 December 2013 for other companies, adjusted for subsequent acquisitions and divestments.



2 Reserve life calculated as reserves divided by gold production for the 12 months ended 30 September 2014 for all companies. Gold production numbers have been sourced from Metals Focus Quarterly Gold Mine Cost Service Q3 2014. The reserve life calculation does not take into account Gold recovery rates.

# **FY15 Exploration activity**

