

# RESULTS FOR THE SIX MONTHS ENDED 31 DECEMBER 2018

12 February 2019



#### PRIVATE SECURITIES LITIGATION REFORM ACT SAFE HARBOUR STATEMENT

#### FORWARD LOOKING STATEMENTS

This presentation contains forward-looking statements within the meaning of the safe harbor provided by Section 21E of the Exchange Act and Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), with respect to our financial condition, results of operations, business strategies, operating efficiencies, competitive positions, growth opportunities for existing services, plans and objectives of management, markets for stock and other matters.

These forward-looking statements, including, among others, those relating to our future business prospects, revenues, and the potential benefit of acquisitions (including statements regarding growth and cost savings) wherever they may occur in this presentation and the exhibits, are necessarily estimates reflecting the best judgment of our senior management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. As a consequence, these forward looking statements should be considered in light of various important factors, including those set forth in this presentation. Important factors that could cause actual results to differ materially from estimates or projections contained in the forward-looking statements include, without limitation: overall economic and business conditions in South Africa, Papua New Guinea, Australia and elsewhere; estimates of future earnings, and the sensitivity of earnings to gold and other metals prices; estimates of future gold and other metals production and sales; estimates of future cash costs; estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices; estimates of provision for silicosis settlement; statements regarding future debt repayments; estimates of future capital expenditures; the success of our business strategy, development activities and other initiatives; future financial position, plans, strategies, objectives, capital expenditures, projected costs and anticipated cost savings and financing plans; estimates of reserves statements regarding future exploration results and the replacement of reserves; the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions, as well as at existing operations; fluctuations in the market price of gold; the occurrence of hazards associated with underground and surface gold mining; the occurrence of labor disruptions; power cost increases as well as power stoppages, fluctuations and usage constraints; supply chain shortages and increases in the prices of production imports and the availability, terms and deployment of capital; changes in government regulation and the political environment, particularly tax, mining rights, environmental regulation and business ownership including any interpretation thereof; fluctuations in exchange rates and currency devaluations and other macroeconomic monetary policies; the adequacy of the Group's insurance coverage; and socio-economic or political instability in South Africa, Papua New Guinea, Australia and other countries in which we operate. For a more detailed discussion of such risks and other factors (such as availability of credit or other sources of financing), see the Company's latest Integrated Annual Report and Form 20-F which is on file with the Securities and Exchange Commission, as well as the Company's other Securities and Exchange Commission filings. The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events, except as required by law. The foregoing factors and others described under "Risk Factors" should not be construed as exhaustive.

For a more detailed discussion of such risks and other factors (such as availability of credit or other sources of financing), see the company's latest Form 20-F which is on file with the Securities and Exchange Commission, as well as the company's other Securities and Exchange Commission filings. The company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this report or to reflect the occurrence of unanticipated events, except as required by law. All subsequent written or oral forward-looking statements attributable to Harmony or any person acting on its behalf are qualified by the cautionary statements herein.

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#### **ACHIEVEMENTS FOR THE HALF YEAR**

# **LTIFR**

improvement in lost time injury frequency rate

34%

increase in production, boosted by Moab Khotsong and Hidden Valley 7%

increase in underground recovered grade

25%

increase in production profit to R3.4 billion

#### **OVERVIEW OF SIX MONTHS ENDED 31 DECEMBER 2018**



# Operational excellence

- Risk-based safety approach delivers improvement in safety rates
- Moab Khotsong and Hidden Valley significantly boost production, 34% increase in production
- On track to achieve annual production guidance of 1.45Moz



# Cash certainty

- Moab Khotsong operations and Hidden Valley contribute R812 million to operational free cash flow
- Hedging programme contributes R480 million to cash flow



Effective capital allocation

- Wafi-Golpu Memorandum of understanding (MOU) agreement signed with PNG Government
- Targeted date of SML approval June 2019



#### **FOCUSED ON SAFETY**

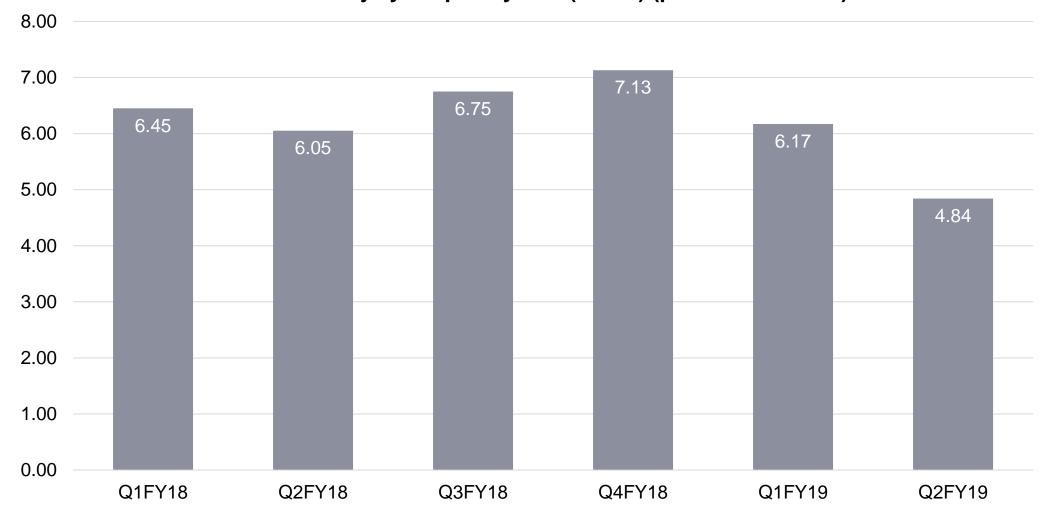
PETER STEENKAMP (CEO)

#### **KEY ASPECTS OF OUR SAFETY APPROACH**

Four layered risk based approach	Key outcome
Baseline risk assessment	Identification of key controls to prevent significant unwanted events
Issue-based risk assessment	Control monitoring and assessments
Task-based risk assessment	Systems, structures and audit process
Continuous risk assessment	Pro-active and behavioural change to safety
	Safety awareness and responsibility embedded with all employees

#### **SA OPERATIONS – IMPROVED SAFETY TRENDS**

#### Lost time injury frequency rate (LTIFR) (per million hours)



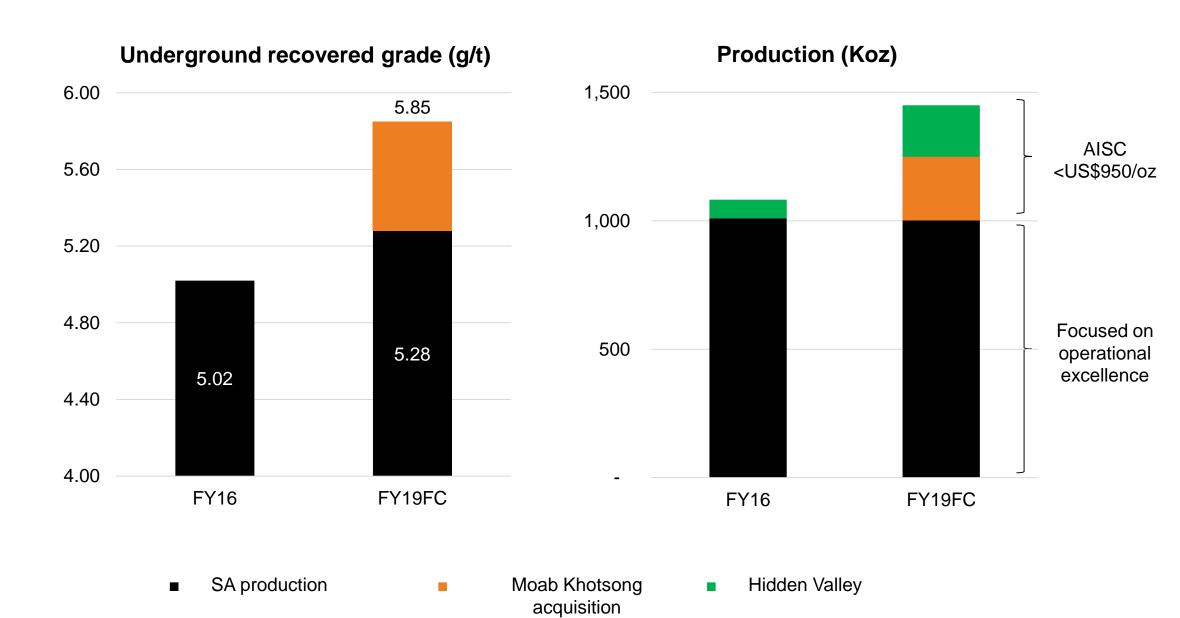


## **JOURNEY TO INCREASING MARGINS**

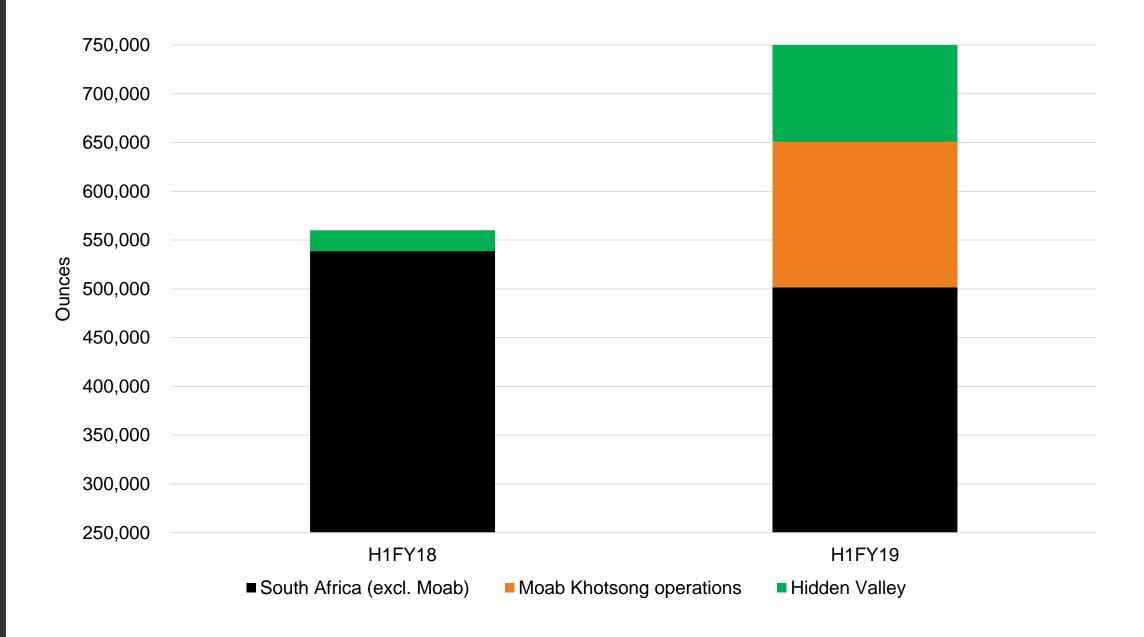
PETER STEENKAMP (CEO)

# HARMONY

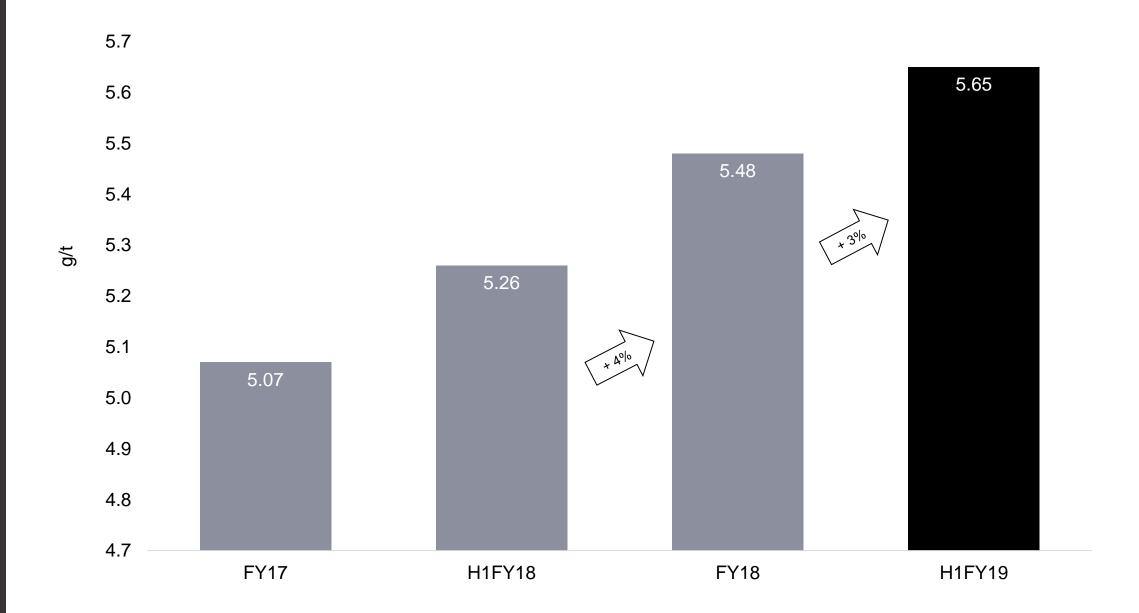
#### **GROWING THE QUALITY OF OUR PORTFOLIO**



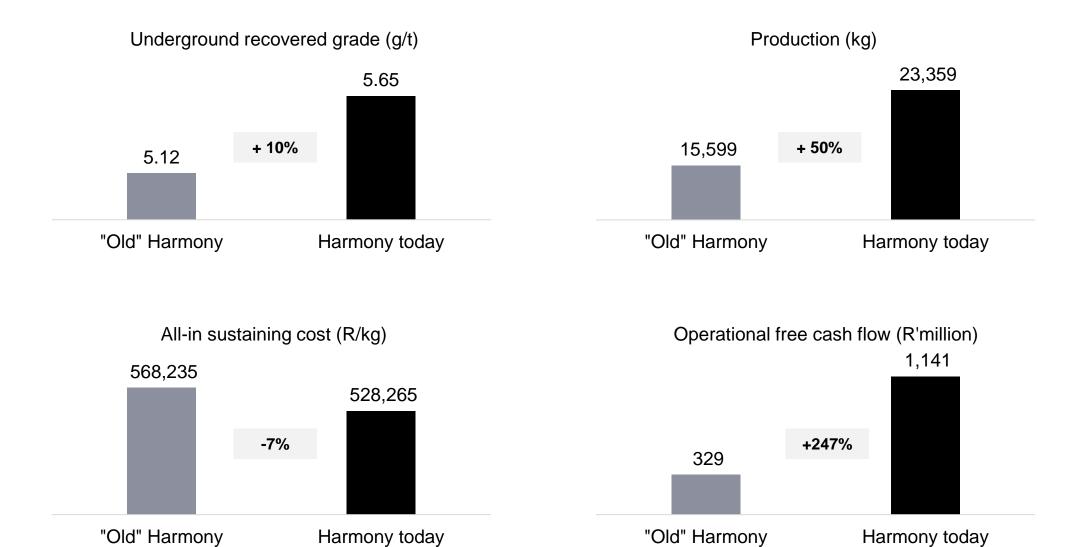
#### 34% INCREASE IN GOLD PRODUCTION (H1FY18 VS H1FY19)



#### **UNDERGROUND RECOVERED GRADE**



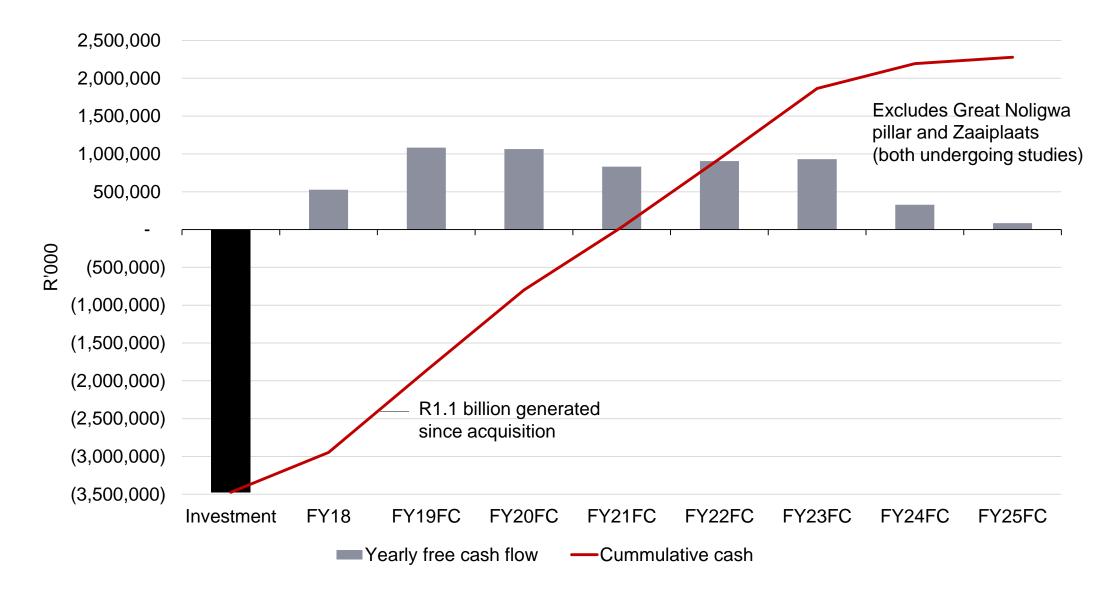
#### PRODUCTION AND CASH FLOW BOOSTED



#### Notes:

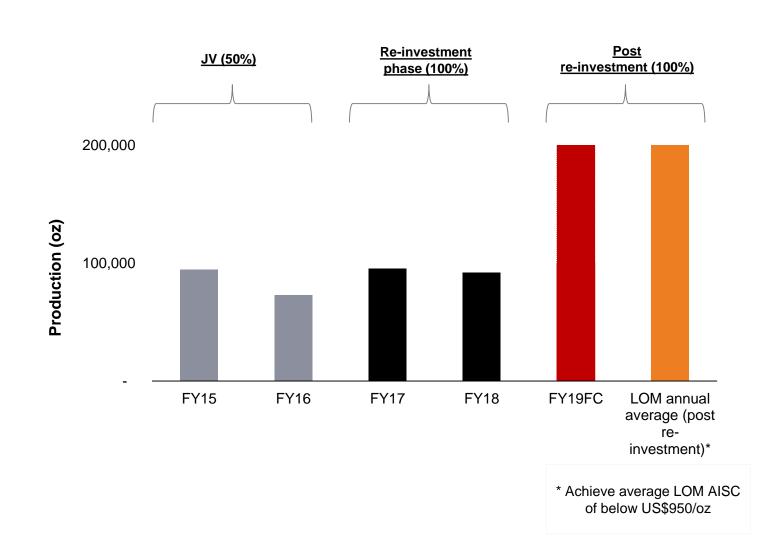
- i) "Old" Harmony: H1FY19 performance of South African operations excluding Moab Khotsong mine and Moab surface (Moab Khotsong Operations) and Hidden Valley
- ii) Harmony today: H1FY19 group performance
- iii) Operational free cash flow = Revenue cash operating cost capital expenditure

#### **MOAB KHOTSONG PAYBACK**

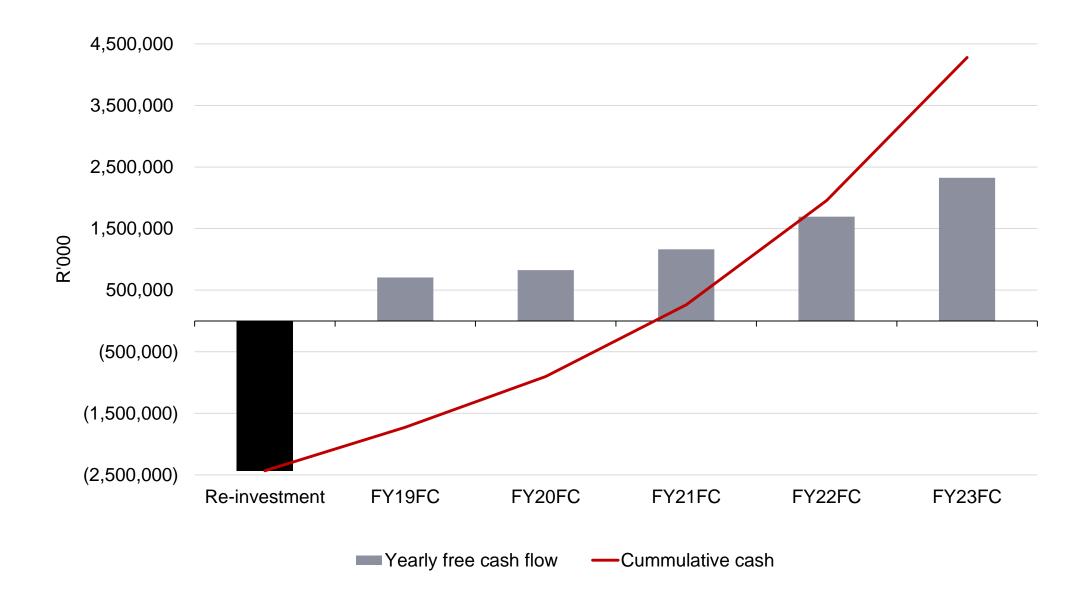


#### SUCCESSFUL RE-INVESTMENT IN HIDDEN VALLEY

- World class safety and health performance
- Strong management team
- Disciplined cost management
- Pre-stripping of cut-back 5 on schedule
- Fleet and plant upgraded
- Improved overland conveyor performance



#### **HIDDEN VALLEY PAYBACK**



#### **WAFI-GOLPU UPDATE**

- Government of PNG and JV partners entered into MOU (11 December 2018):
  - Set out targeted dates for completion:
    - 28 Feb 19 endorsed time sheets
    - 31 Mar 19 detailed agreements finalised
    - 30 Jun 19 grant of special mining lease
  - Establishes framework and key fiscal terms to progress permitting
- Planning and design for the Nambonga decline continues

#### WAFI-GOLPU IS A GAME CHANGER

Large production profile

 Steady state production: in excess of 1.4 million gold equivalents ounces per annum

High grade = low unit cost production

- High average recovery grades: Au = 0.90g/t, Cu = 1.27%
- Lowest decile cost quartile copper production,
   Negative AISC of US\$2 128/oz in gold production terms

Significant free cash flow potential

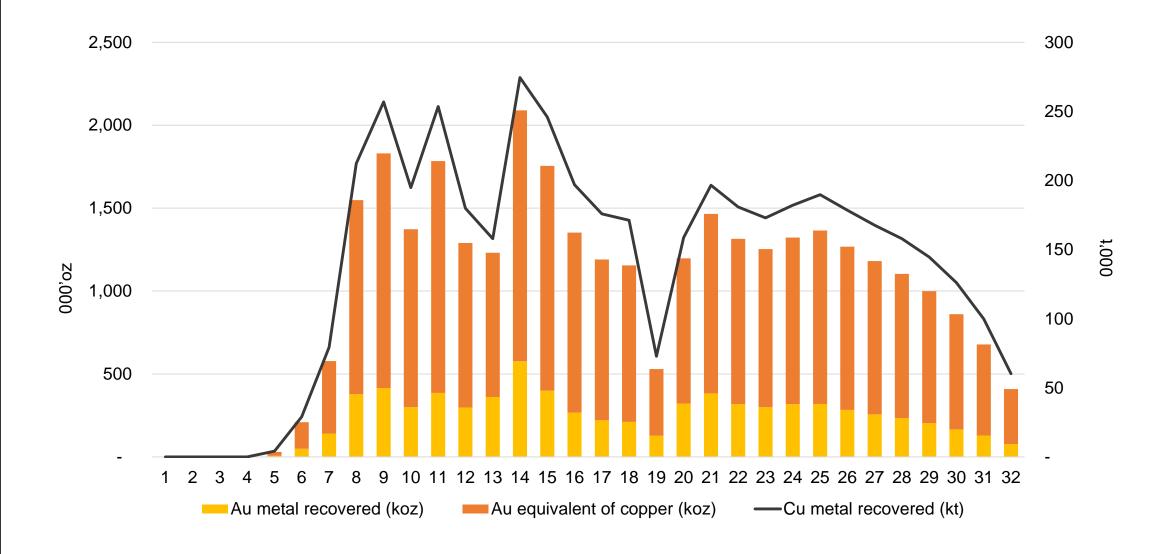
 US\$9 billion free cash flow generated in first 10 years (post achieving commercial levels of production)

Large resource and long life

- Mine life of over 28 years

<sup>\*</sup> All figures are quoted on a 100% basis. The Wafi-Golpu project is held in a JV with Newcrest Mining Limited (Newcrest). For full resource and reserve declarations please refer to either www.harmony.co.za or to Newcrest's Annual Statement of Mineral Resources and Ore Reserves as at www.newcrest.com.au.

#### WAFI-GOLPU HAS A LARGE PRODUCTION PROFILE



All figures quoted on 100% basis. Wafi-Golpu project held in a JV with Newcrest. For full resource and reserve declarations please refer to either <a href="www.harmony.co.za">www.harmony.co.za</a> or to Newcrest's Annual Statement of Mineral Resources and Ore Reserves at <a href="www.newcrest.com.au">www.newcrest.com.au</a>.

Feasibility study assumptions: Gold price: US\$1 200/oz, Copper price: US\$3.00/lb, Discount rate: 8.5% (real), AUD/USD exchange rate: 0.75, PGK/USD exchange rate: 3.10.



#### **PROJECT PIPELINE**

PHILLIP TOBIAS (COO - BUSINESS DEVELOPMENT, COMPANY STRATEGY AND PROJECTS)

#### DISCIPLINED PROJECT EVALUATION AND MANAGEMENT

#### **Key areas**

Lower risk profile

**Improving margins** 

**Generating returns** 

**Affordability** 

**Project management** 

#### Rationale

- Safety a priority
- Surface projects ranked higher
- Pillar mining is intensely scrutinized
- Ounce replacement and growth are aimed at increasing margins

- Project internal rates of return (IRR) to exceed 15%
- Capital intensity is weighed against group cash flow projections and requirements
- Crucial for enhancing project return and ensuring operational momentum

(Hidden Valley re-investment, Central Plant Reclamation – delivered safely, below budget and on schedule)

#### ORGANIC OPPORTUNITIES

Permitting phase

Wafi-Golpu Copper-gold project (PNG, mechanised block-caving)

Feasibility

Central Plant Reclamation Expansion project (SA, surface)

**Great Noligwa** High grade shaft pillar extraction (SA, underground)

Pre-feasibility

Mispah Tailings Reclamation (SA, surface)

Hidden Valley Extension (PNG, open pit)

Zaaiplaats High grade mine extension (SA, underground)

Concept/ exploration

Kalgold Near mine brownfields exploration (SA, open pit)

**Target North** Greenfields exploration (SA, underground)

Surface/mechanised





#### **OPERATIONAL OVERVIEW**

BEYERS NEL (COO – SOUTH AFRICA OPERATIONS)

#### **OPERATIONAL EXCELLENCE CORE TO GENERATING CASH FLOWS**



Safety and health





Grade and flexibility management



Capital allocation



Risk-based proactive approach

Focus on critical controls

Reducing unplanned stoppages

No mining below cut-off

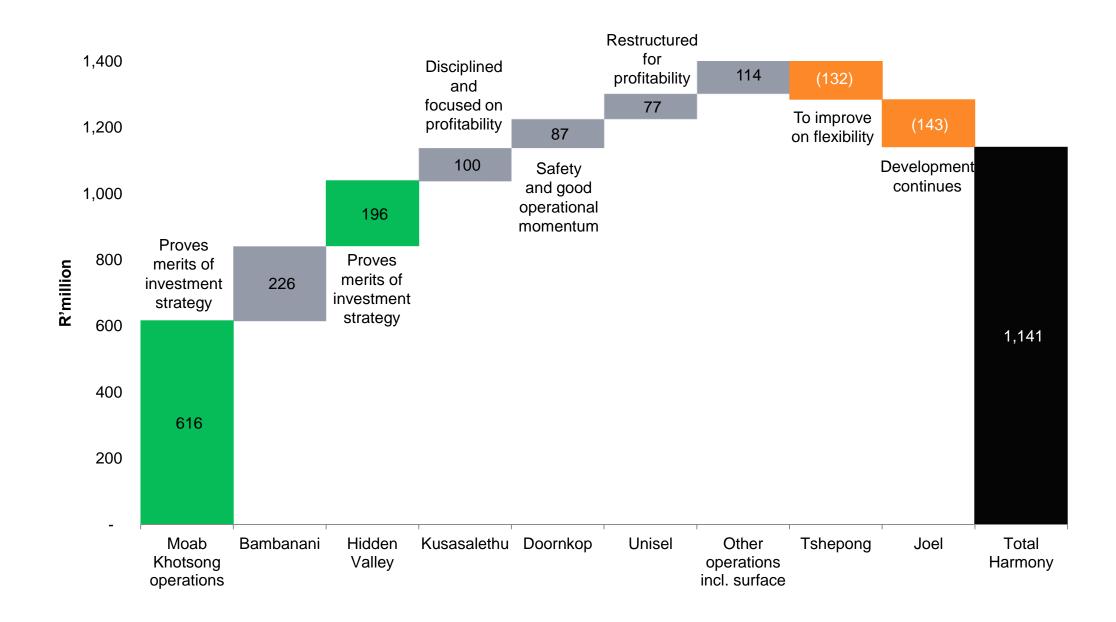
Build flexibility into our plans

Focused
capital
allocation and
prioritisation
(growth and
sustaining
capex)

Focused cost management and project delivery

Improve productivity

#### FOCUSED ON GENERATING FREE CASH FLOW (RAND)



#### **KEY STEPS TAKEN AT TSHEPONG**

- Strong and stable management team re-enforced
- Focused on improving flexibility and speeding up development (Iceberg management)
- Disciplined mining and grade management
- Measures implemented to halt illegal mining activities

#### **JOEL IN LINE WITH PLAN**

# **Description of Joel** twin decline project

Access the orebody from 137 level, two declines were developed at 12° from 129 level – a chairlift decline and a conveyor belt decline



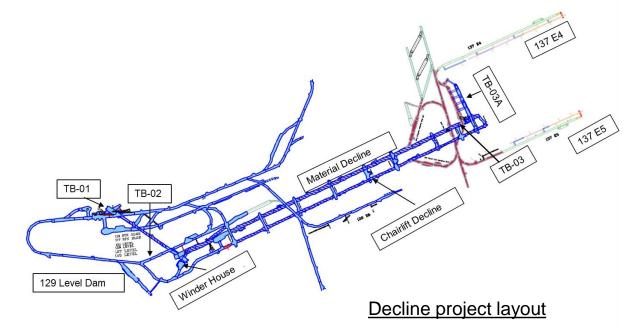


#### **Current status**

Decline project is nearing completion

Primary footwall development is currently taking place on 137 level to intersect the reef

An increase in grade is expected towards the end of FY19





#### **CASH CERTAINTY AND EFFECTIVE CAPITAL ALLOCATION**

FRANK ABBOTT (FD)

## **EXTRACT FROM THE INCOME STATEMENT (RAND)**

	H1FY19	H1FY18	Change	Change
	Rm	Rm	Rm	%
Production profit*	3 385	2 712	673	25
Hidden Valley	933	23	910	
Moab Khotsong operations	915	-	915	
SA operations	1 537	2 689	(1 152)	
Amortisation and depreciation	(2 119)	(1 253)	(866)	(69)
Hidden Valley	(915)	(19)	(896)	
Moab Khotsong operations	(148)	-	(148)	
SA operations	(1 056)	(1 234)	178	
Foreign currency impact	(160)	533	(693)	>(100)
Gains on derivatives	20	337	(317)	
Translation gain/(loss) on US\$ credit facilities	(180)	196	(376)	
			(000)	(00)
Net profit	75	897	(822)	(92)
Average exchange rate	14.17	13.40		6

<sup>\*</sup> Production profit as per operating results (revenue less production cost)

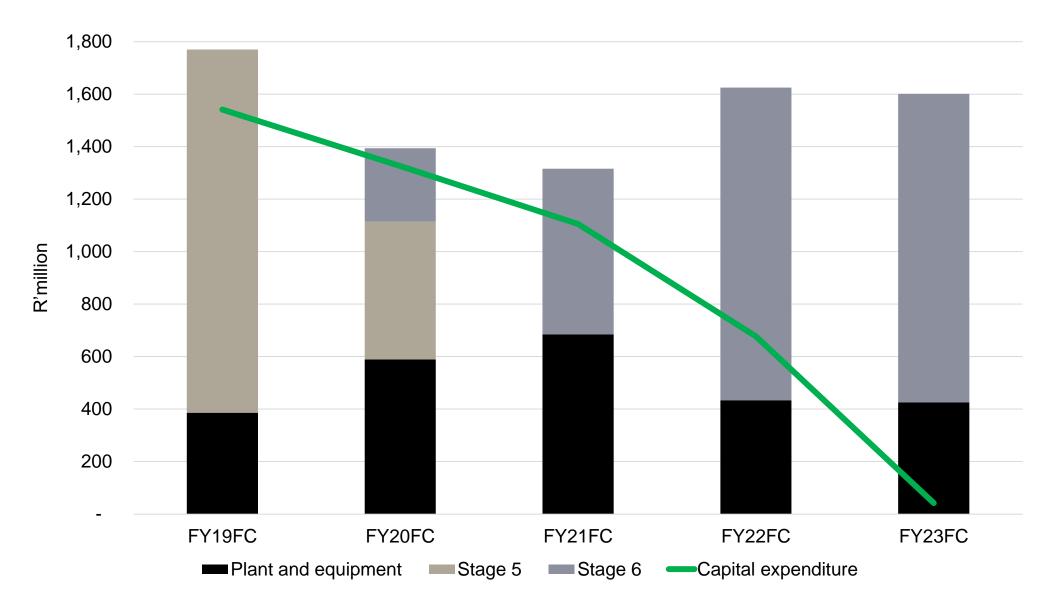
## **EXTRACT FROM THE INCOME STATEMENT (US\$)**

	H1FY19	H1FY18	Change	Change
	US\$m	US\$m	US\$m	%
Production profit*	239	203	36	18
Hidden Valley	66	2	64	
Moab Khotsong operations	65	-	65	
SA operations	108	201	(93)	
Amortisation and depreciation	(150)	(94)	(56)	(60)
Hidden Valley	(65)	(1)	(64)	
Moab Khotsong operations	(10)	-	(10)	
SA operations	(75)	(93)	18	
Foreign currency impact	(12)	40	(52)	>(100)
Gains on derivatives	1	25	(24)	
Translation gain/(loss) on US\$ credit facilities	(13)	15	(28)	
Net profit	5	65	(60)	(92)
Average exchange rate	14.17	13.40		6

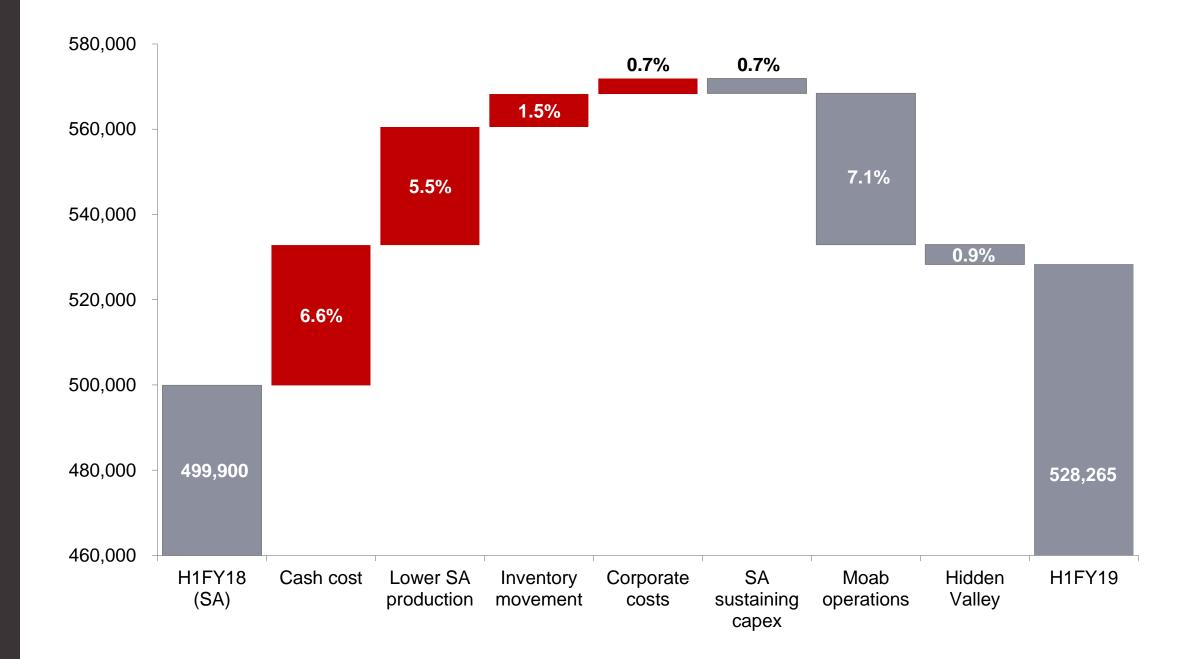
<sup>\*</sup> Production profit as per operating results (revenue less production cost)

# HARMONY

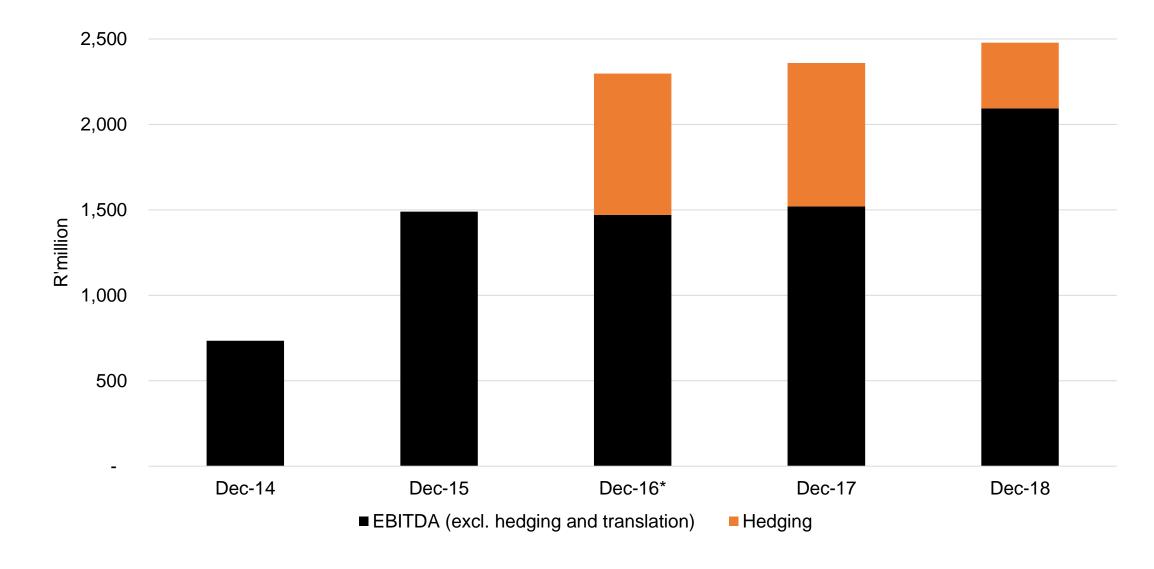
#### **HIDDEN VALLEY DEPRECIATION (RAND)**



### **ALL-IN SUSTAINING COST (R/KG)**



#### **INCREASED EBITDA (RAND)**



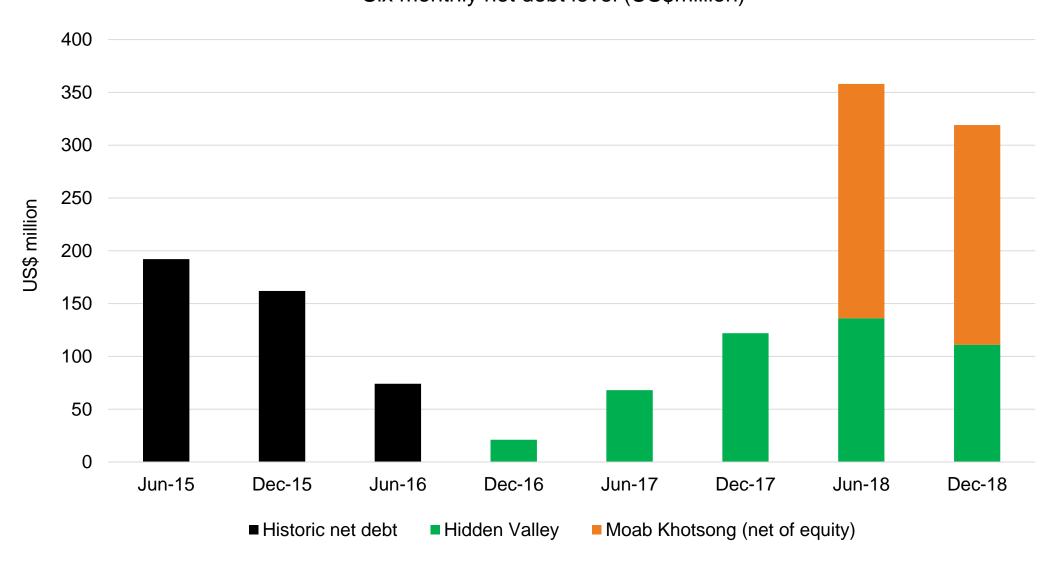
Earnings before interest, tax, depreciation and amortisation (EBITDA) for the six months ended to December EBITDA excludes translation impact on US\$ credit facilities, impairment and loss on scrapping of assets \* Excludes gain on bargain purchase of R848 million (non-cash)

## SIGNIFICANT INCREASE IN FREE CASH FLOW (RAND)

	H1FY19	H1FY18	
Extracts from the cash flow statement	Rm	Rm	% change
Cash generated from operating activities	2 650	1 832	45
	(0.044)	(0.504)	0
Cash utilised by investing activities	(2 341)	(2 584)	9
Hidden Valley	(671)	(1 108)	39
Wafi-Golpu	(162)	(187)	13
SA operations	(1 567)	(1 270)	(23)
Other items (net)	59	(19)	>100
Free cash flow	309	(752)	>100

**NET DEBT LEVEL** 

#### Six monthly net debt level (US\$million)



#### **CAPITAL ALLOCATION PRIORITIES**

Debt repayment

Wafi-Golpu

Opportunity evaluation

Targeting net debt/ebitda ratio below 0.8x

Improve balance sheet flexibility

1. Permitting

2. Funding

**Organic growth** 

Value accretive M&A



#### **LOOKING FORWARD**

PETER STEENKAMP (CEO)

# **VALUE CREATING SCORECARD**

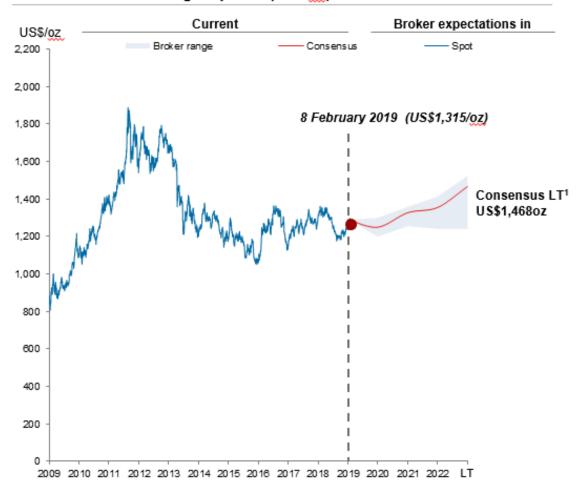
Foster inclusive growth	Advancing local businesses in our host communities						
Beneficiation	Harmony's Virginia Jewellery School operating since December 2000						
Education, skills training and development	Harmony bridging school Harmony bursary programme Learnerships, internships in mining and engineering Leadership development Portable skills training Adult training and education						
Safety	Creating and maintaining a positive, safe working environment						
ESOP Scheme	New scheme to be launched mid February 2019 - Sisonke ("We are together")						
Employee living conditions	Single-room occupancy in our hostels						
Gender equality	Providing equal opportunities for women - Recognized in Bloomberg Gender Equality Index for 2018						
Responsible corporate citizen	Environment Social Governance						





#### **POSITIVE GOLD MARKET SENTIMENT**

#### Historical and forecast gold prices (US\$/oz)



Source: Broker reports, FactSet as of 25 January 2019

Note: 1 Long-term prices are given in 2018 real terms, shown in graph inflated to 2022 nominal

#### **Key gold commodity drivers**

Economic tailwinds

Global inflation pressures / real interest rates

Geopolitical concerns

Trade protectionism / trade war

Physical demand

China demand strong though price sensitive

Supply issues Few new low-cost discoveries / projects coming on stream

# Safe mines

are profitable mines

# **Delivering**

on our investment strategy

# On track

to deliver a sustainable production performance

# **Cash flow**

to be effectively allocated to growth opportunities

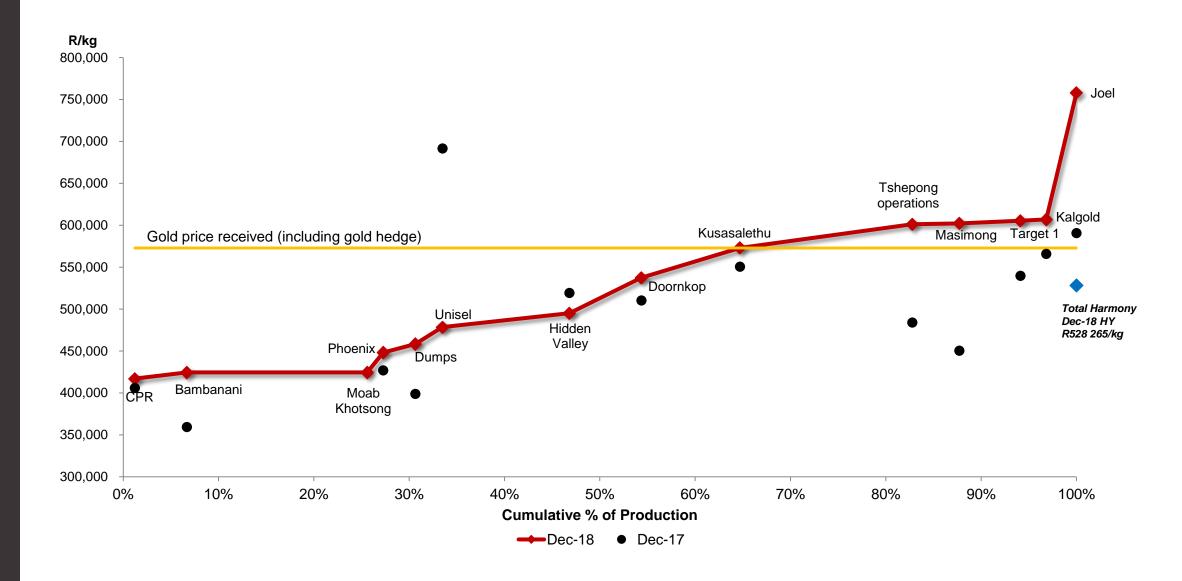


# **APPENDICES**

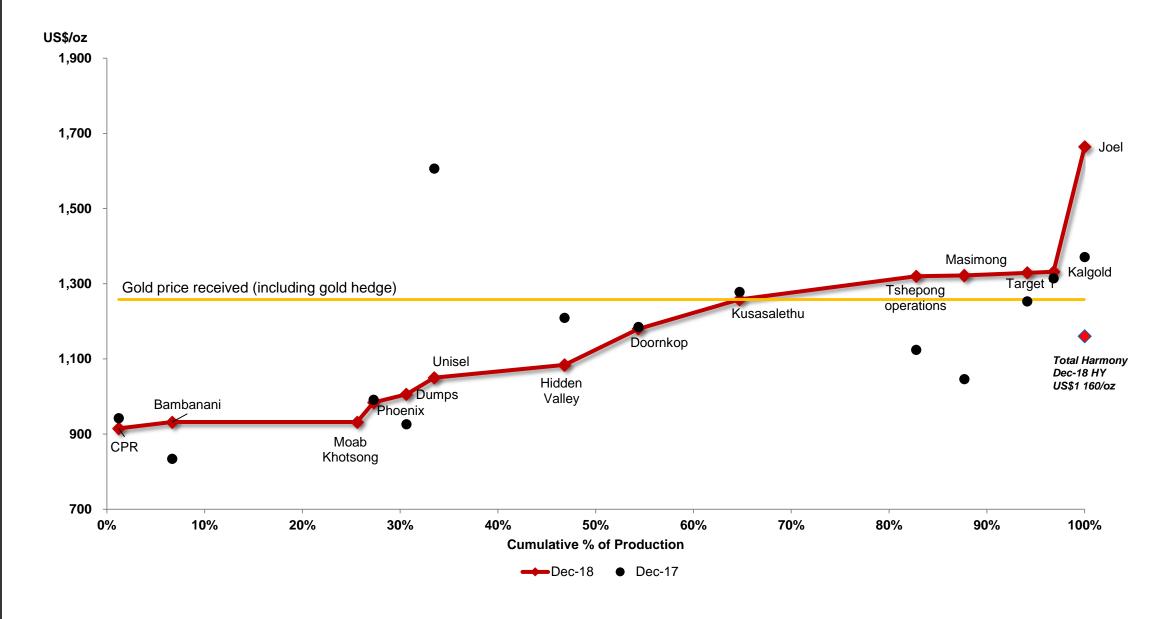
### **OPERATIONAL RESULTS – H1FY19 VS H1FY18**

		 H1FY19	H1FY18	% change
	kg	23 359	17 418	34
Gold produced	OZ	751 008	560 003	34
Gold price received	R/kg	572 898	580 672	(1)
	US\$/oz	1 258	1 348	(7)
Cash operating costs	R/kg	429 860	419 440	(2)
	US\$/oz	944	974	3
Underground recovery grade	g/t	5.65	5.26	7
Production profit	Rm	3 385	2 712	25
	US\$m	239	203	18
All-in sustaining costs	R/kg	528 265	500 248	(6)
	US\$/oz	1 160	1 161	-
Average exchange rate	R/US\$	14.17	13.40	6

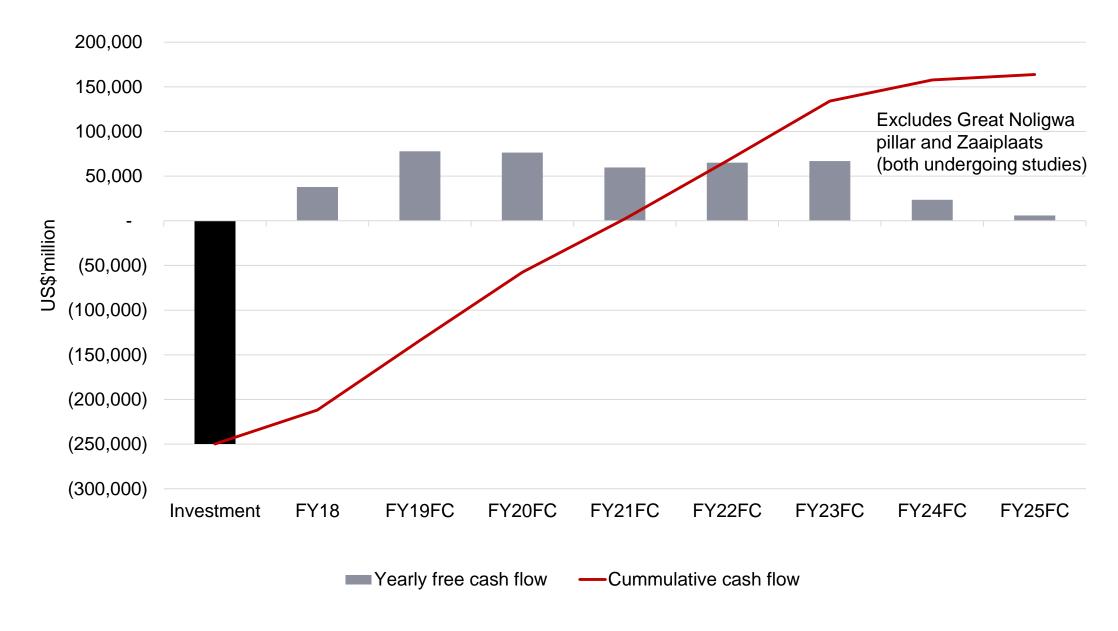
# **ALL-IN SUSTAINING COSTS (H1FY18 VS H1FY19) (RAND)**



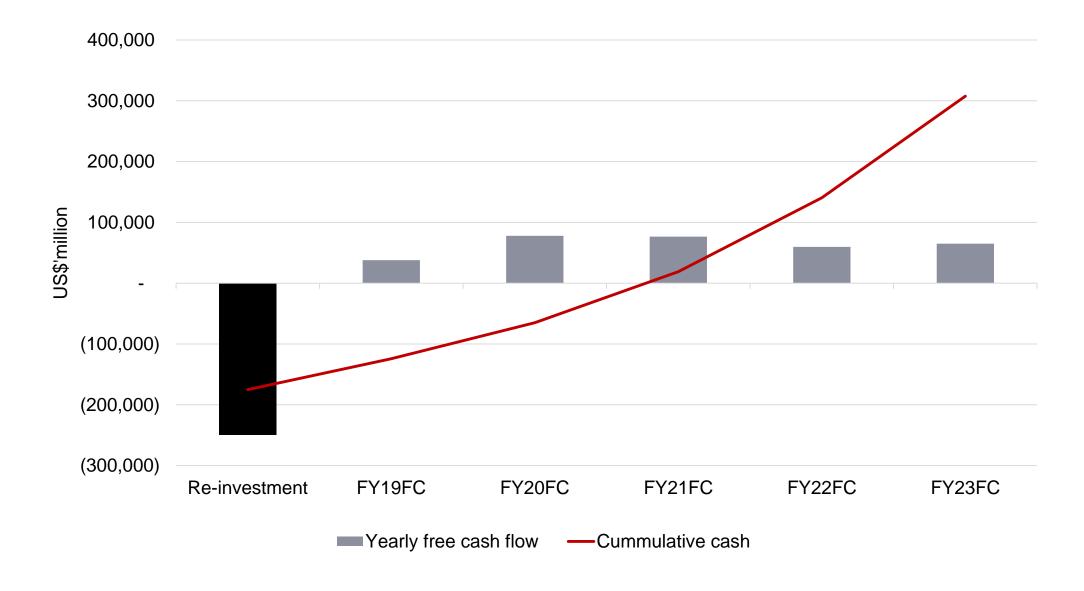
# **ALL-IN SUSTAINING COSTS (H1FY18 VS H1FY19) (US\$)**



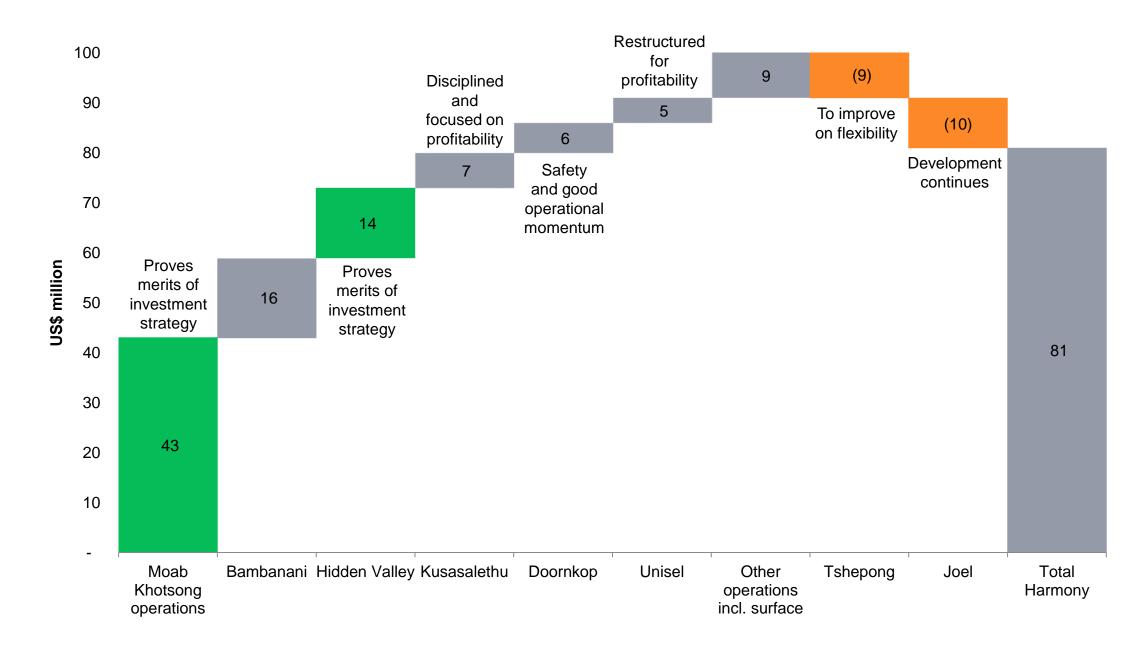
### **MOAB KHOTSONG PAYBACK**



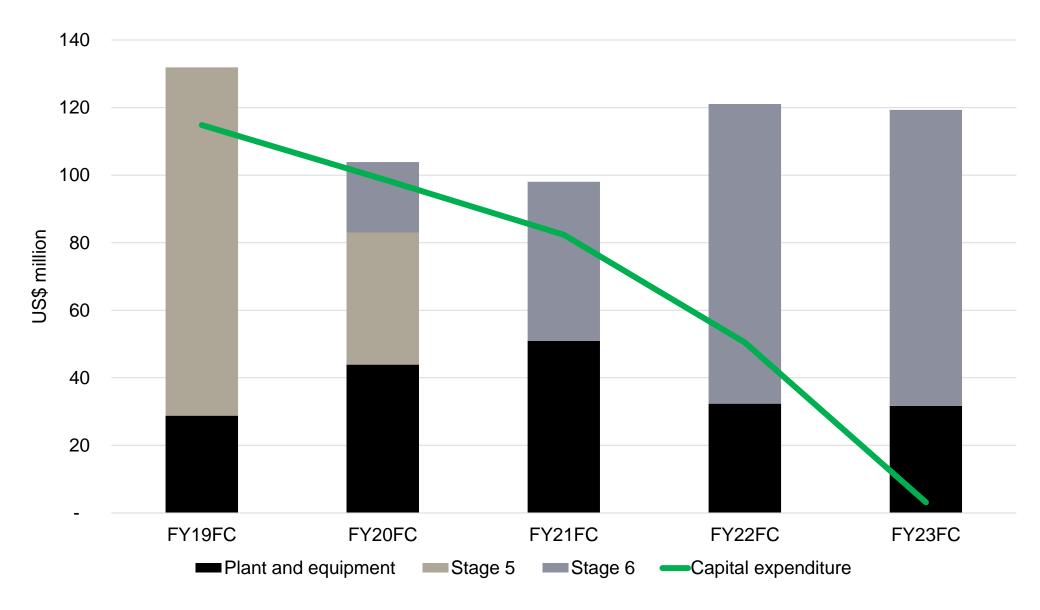
### **HIDDEN VALLEY PAYBACK**



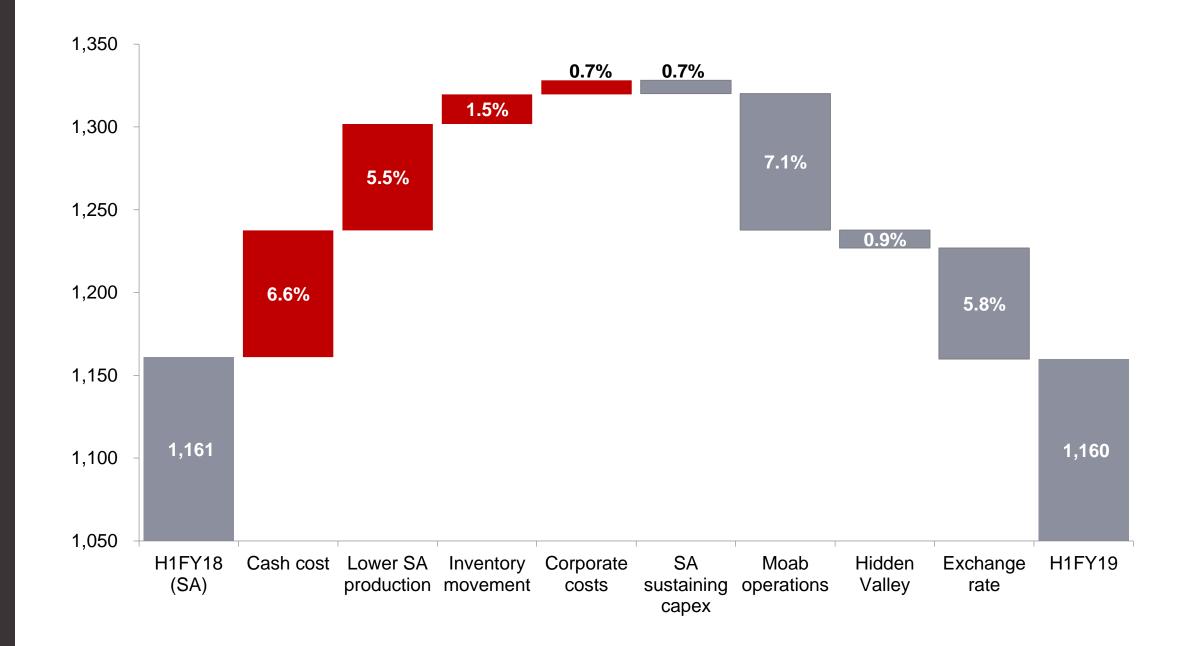
# FOCUSED ON GENERATING FREE CASH FLOW (US\$)



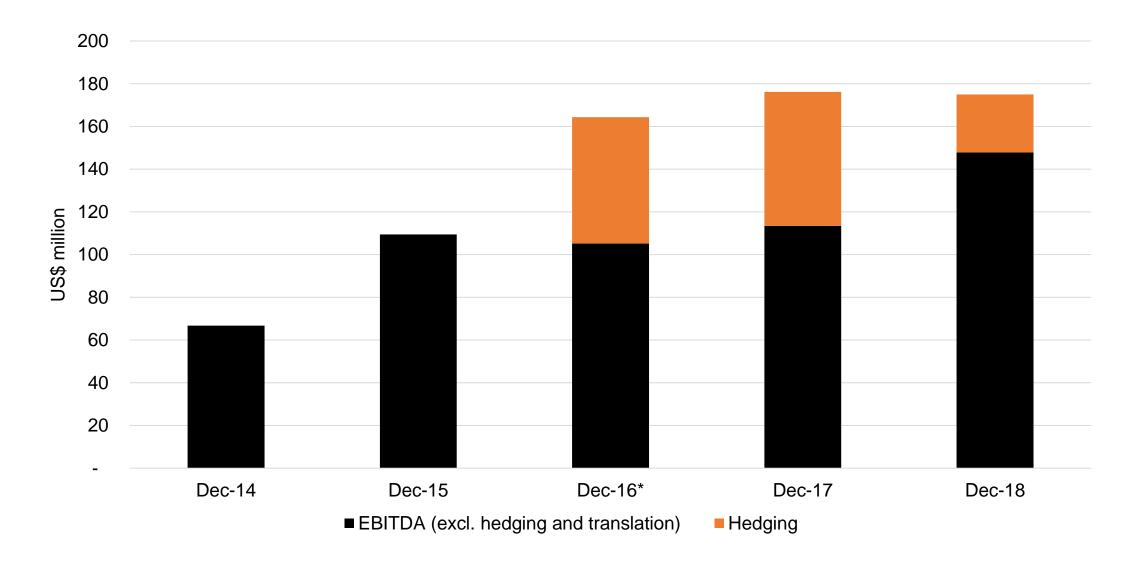
# **HIDDEN VALLEY DEPRECIATION (US\$)**



# **ALL-IN SUSTAINING COST (US\$/OZ)**



# **EBITDA (US\$)**



Earnings before interest, tax, depreciation and amortisation (EBITDA) for the six months ended to December EBITDA excludes translation impact on US\$ credit facilities, impairment and loss on scrapping of assets \* Excludes gain on bargain purchase of US\$60 million (non-cash)

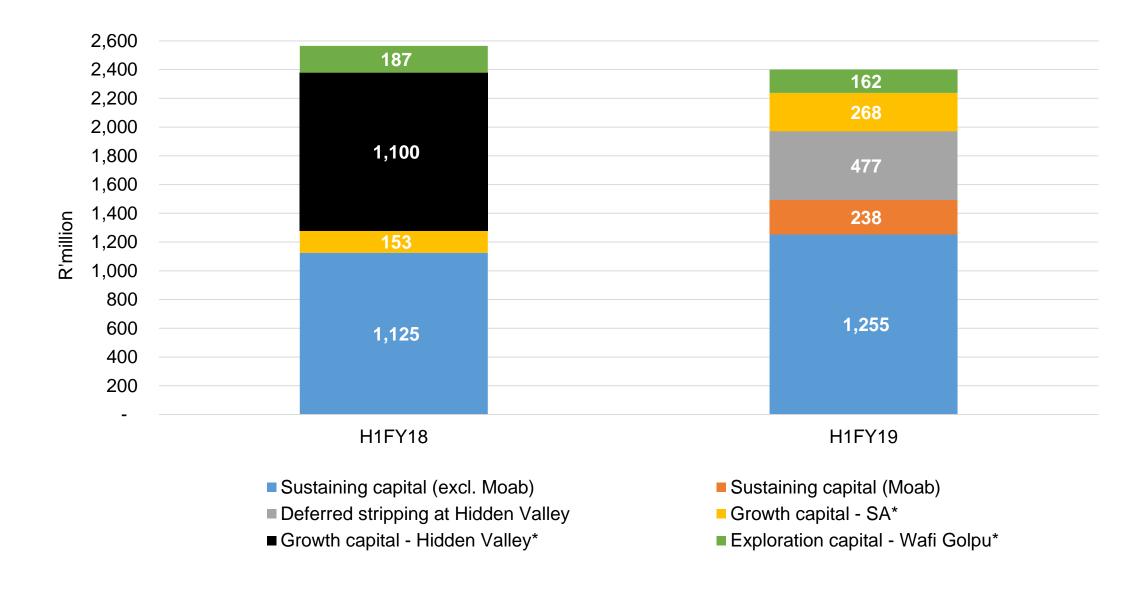
# SIGNIFICANT INCREASE IN FREE CASH FLOW (US\$)

Extracts from the cash flow statement	H1FY19 US\$m	H1FY18 US\$m	% change
Cash generated from operating activities	187	137	36
Cash utilised by investing activities	(166)	(193)	14
Hidden Valley	(47)	(83)	43
Wafi-Golpu	(11)	(14)	21
SA operations	(111)	(95)	(17)
Other items (net)	3	(1)	>100
Free cash flow	21	(56)	>100

### **HEDGING PROGRAMME AT 31 DECEMBER 2018**

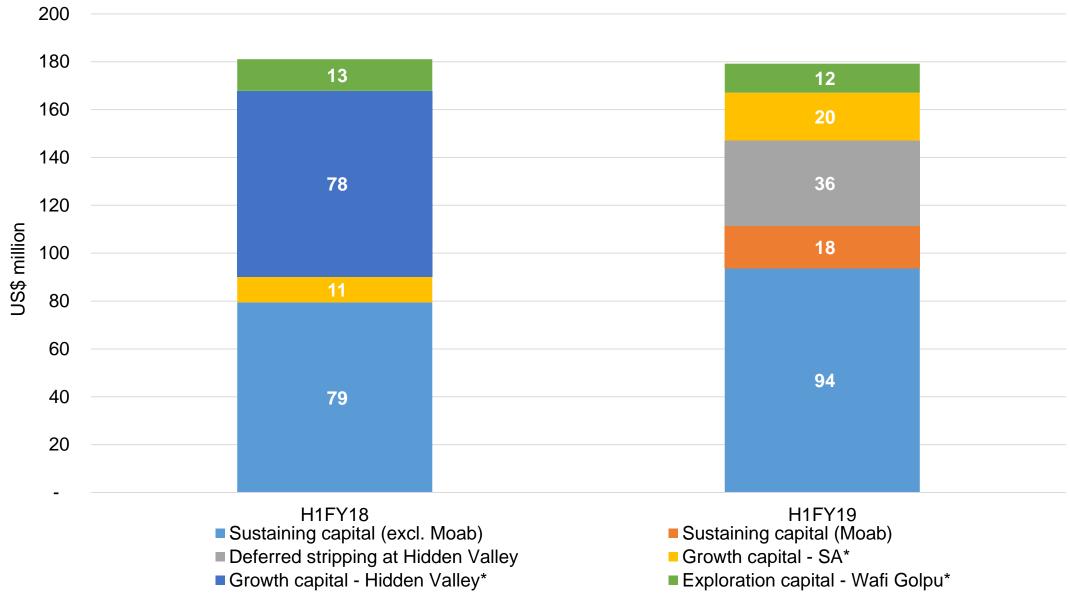
		FY 2019			FY 202	FY 2020		FY202	21	TOTAL
	_	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
Rand Gold										
Forward Contracts	koz	66	66	66	66	65	64	64	28	48
	R'000/kg	626	610	621	638	642	657	668	667	63
Dollar Gold										
Forward Contracts	koz	20	18	6	4	-	-	-	-	4
	US\$/oz	1,335	1,338	1,370	1,400	-	-	-	-	1,34
Total Gold	koz	86	84	72	70	65	64	64	28	53
Currency Hedges Rand Dollar										
Zero Cost Collars	\$m	88	89	55	46	39	35	26	-	37
	Floor R/\$	13.78	13.52	14.50	14.70	14.92	15.15	15.43	-	14.2
	Cap R/\$	14.41	14.17	15.12	15.34	15.55	15.79	16.09	-	14.9
Forward Contracts	\$m	75	72	57	54	50	48	35	2	39
	R/US\$	13.70	13.81	14.73	15.05	15.36	15.51	16.12	16.55	14.7
Total Rand Dollar	\$m	163	161	112	100	89	83	61	2	77
Dollar Silver										
Zero Cost Collars	koz	90	90	90	-	-	-	-	-	27
	Floor \$/oz	17.30	17.30	17.40	-	-	-	-	-	17.3
	Cap \$/oz	18.30	18.30	18.40	-	-	-	-	-	18.3

# **CAPITAL EXPENDITURE OVERVIEW (RAND)**



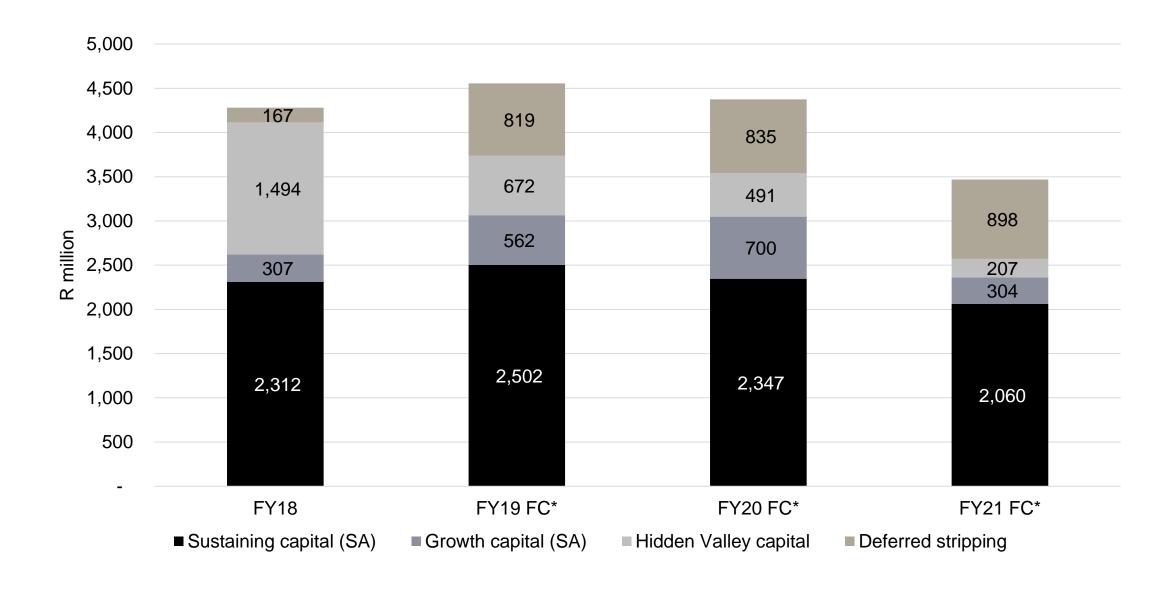
<sup>\*</sup> Excluded from all-in sustaining cost

## **CAPITAL EXPENDITURE OVERVIEW (US\$)**



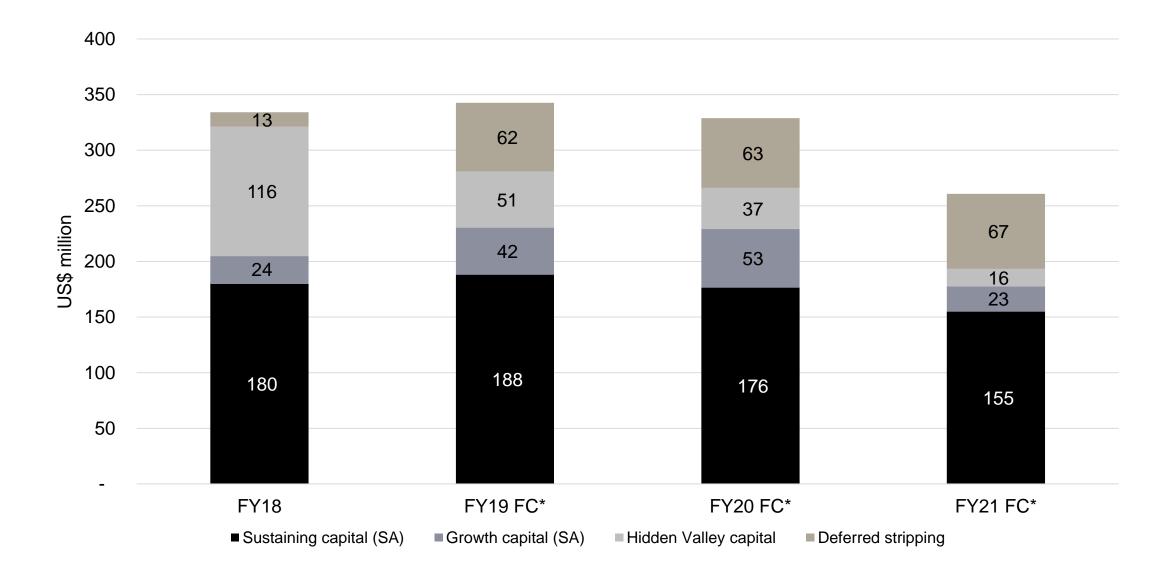
<sup>\*</sup> Excluded from all-in sustaining cost Average exchange rate: H1FY18 US\$1=R13.40, H1FY19 US\$1=R14.17

### **CAPITAL GUIDANCE (RAND)**



<sup>\*</sup> Excluding Golpu (subject to granting of SML and board approval)

# **CAPITAL GUIDANCE (US\$)**



<sup>\*</sup> Excluding Golpu (subject to granting of SML and board approval)
The exchange rate used for the US\$ conversion for FY19 to FY21 is R13.30/US\$



# **CONTACT US**

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