

Investor day

Au

Session 1 and 3

29 August 2012



Private Securities Litigation Reform Act Safe Harbour Statement

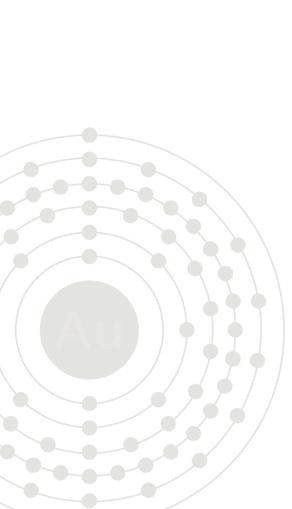


This presentation contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and 21E of the Securities Exchange Act of 1934, as amended, that are intended to be covered by the safe harbour created by such sections. These statements may be identified by words such as "expects", "looks forward to", "anticipates", "intends", "believes", "seeks", "estimates", "will", "project" or words of similar meaning. All statements other than those of historical facts included in this presentation are forward-looking statements, including, without limitation, (i) estimates of future earnings, and the sensitivity of earnings to the gold and other metals prices; (ii) estimates of future gold and other metals production and sales, (iii) estimates of future cash costs; (iv) estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices; (v) statements regarding future debt repayments; (vi) estimates of future capital expenditures; and (vii) estimates of reserves, and statements regarding future exploration results and the replacement of reserves. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, project cost overruns, as well as political, economic and operational risks in the countries in which we operate and governmental regulation and judicial outcomes. 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 Annual Report on Form 20-F for the year ended June 30, 2011 which is on file with the Securities and Exchange Commission, as well as the Company's other SEC filings. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement" to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.



Agenda









3

- Safety and health
- Assumptions



Resources and Reserves





Wafi-Golpu project





Conclusion







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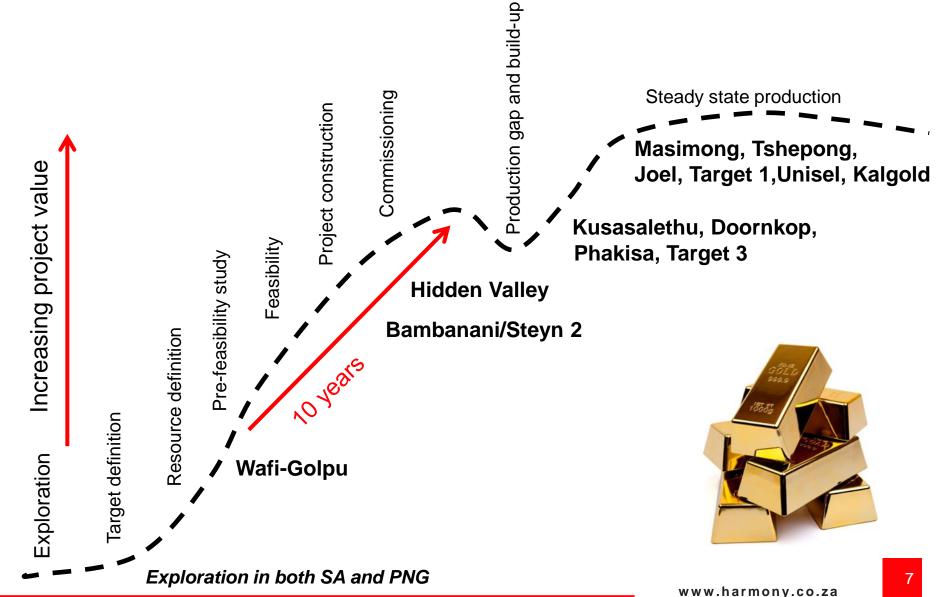
Facts about Harmony today

- Operating in South Africa and Papua New Guinea (PNG)
- Building world class mines in South Africa and PNG
 - 10 underground mines, one open pit operation and several surface sources in SA
 - 50% joint venture in PNG with Newcrest Mining Ltd
 - Hidden Valley open pit mine
 - Wafi-Golpu
 - Exploration
 - 100% PNG exploration areas
- Company changing exploration projects
- Low debt with available facilities
- Generating robust margins and earnings
- Empowered
 - compliant with 2014 Mining Charter requirements
- Employs 40 000 (including 6000 contractors)
- 431 564 236 shares in issue
- Market capitalisation of R33bn (US\$4bn)
- Listed on JSE Limited (Ticker : HAR) New York Stock Exchange (Ticker: HMY)













Safety and health

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- Safety and health starts with me
- I behave safely and healthy in everything I do
 - 'Zero harm, Zero accidents, Zero fatalities'
- I am always alert to my colleagues' safety and health



HARMONY







- Improve Harmony's Occupational Health and Safety Management Framework (OHS)
- Develop and implement a safety culture strategy
- Continuous improvement through auditing, feedback and closing the loop
- Harmony participates in industry level health and safety initiatives
 - Charter requirements
 - Culture transformation framework
 - Mining Industry Occupational Safety and Health (MOSH)





All safety indicators improved over past 10 years

0.35

0.30

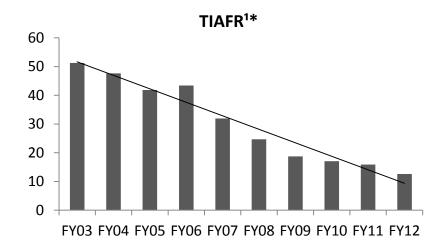
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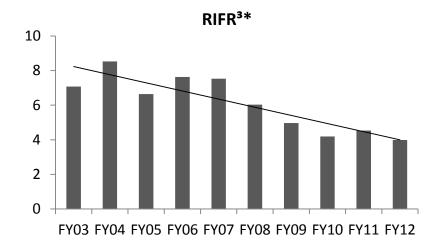
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LTIFR^{2*}

¹ TIAFR: Total Injury Accident Frequency Rate (per million hours worked) ² LTIFR: Lost Time Injury Frequency Rate (per million hours worked) ³ PIEP: Persentable Injury Frequency Rate (per million hours worked)

- ³ RIFR: Reportable Injury Frequency Rate ((per million hours worked) ^a FIFR: Fatal Injury Frequency Rate (per million hours worked)
- * Note: Numbers reflect South Africa only

FIFR^{a*}

FY03 FY04 FY05 FY06 FY07 FY08 FY09 FY10 FY11 FY12





Assumptions

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- Gold (Au)
 - Cut-off gold price US\$1 400/oz, US\$/R7.55 = R340 000/kg
 - US\$/AUS\$1.00
- Silver price US\$25.00
- Copper (Cu) US\$7 714/tonne or US\$3.50/lb
- Oil US\$120/bbl
- Uranium US\$50/lb
- Molybdenum US\$15/lb





South Africa

- Salary increases
- Electricity increases
 - April 2012, April 2013
 - April 2014
 - April 2015, April 2016, April 2017
- Water increases
 - August 2012
 - August 2013 August 2016
- Consumables and contractors costs
 PNG
- Average increase

9.00%

16.00% nominal terms

10.00% real terms

5.00% real terms

13.50% nominal terms7.08% real terms8.00%

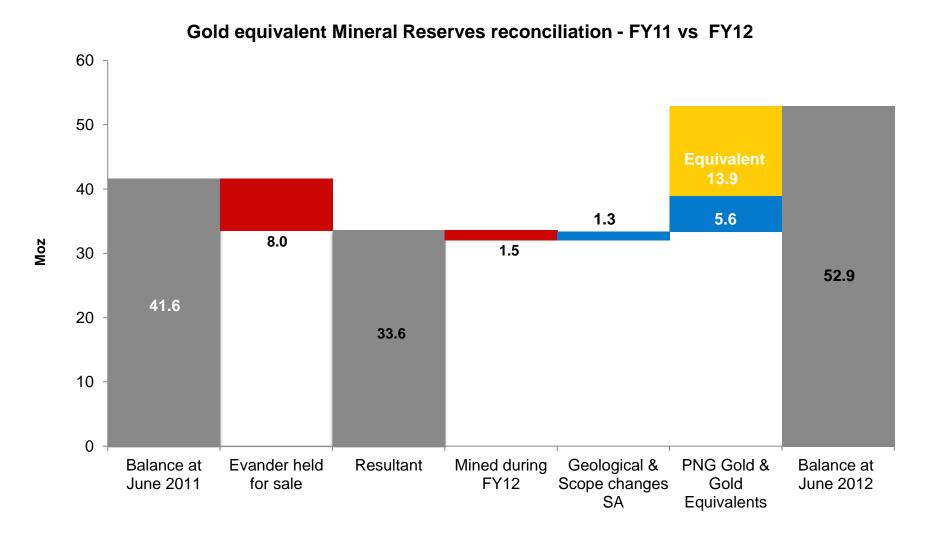


Reserves and Resources

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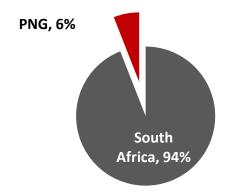
HARMONY





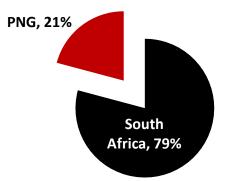




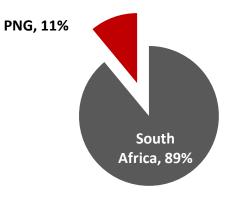


Note: Reserves as at 30 June 2011 includes Evander



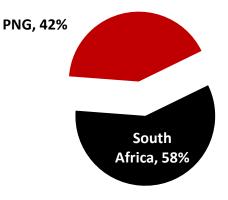


Gold equivalent* Reserves FY11



Note: Reserves as at 30 June 2011 includes Evander

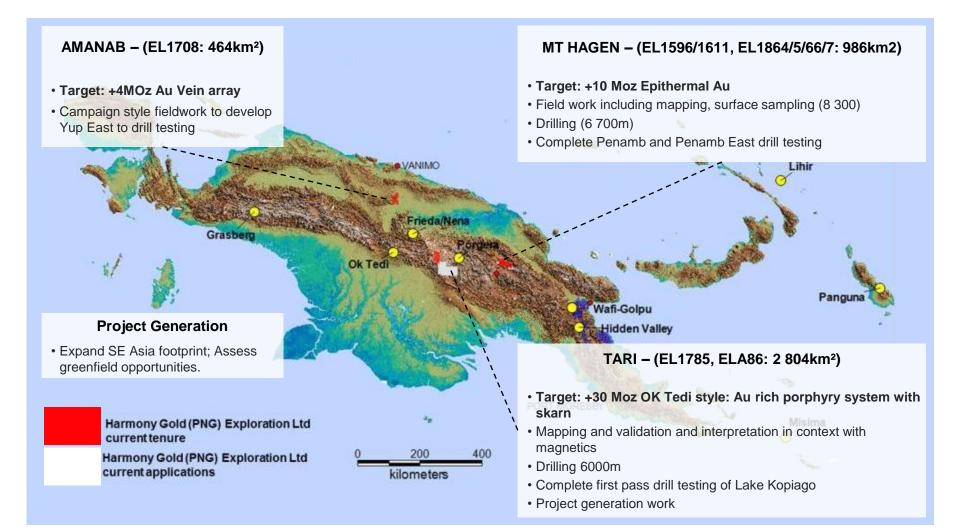
Gold equivalent* Reserves FY12



* 30 June 2011 Gold equivalent based on US\$1150/oz Au, US\$2.50/lb Cu and US\$13.50oz Ag at 100% recovery for all metals 30 June 2012 Gold equivalent based on US\$1400/oz Au, US\$3.50/lb Cu and US\$25.00/oz Ag at 100% recovery for all metals
 ¹ Refer to Reserves and Resources press release on <u>www.harmony.co.za</u> released on 29 August 2012













Mine	Mineral reserve grade (g/t) June 2012	Adjusted (-5%) to compare with recovery grade (g/t)	Actual grade (g/t) achieved in FY12	Comments
Target 1	4.90	4.66	4.61	
Target 3	6.40	6.08	3.55	Increase Basal reef ratio
Unisel	4.63	4.40	4.04	
Masimong	5.06	4.81	3.45	Waste diluted recovered grade
Bambanani / Steyn 2	12.76	12.12	6.79	Shaft pillar mining
Phakisa	7.79	7.40	4.88	North area build-up
Tshepong	5.44	5.17	4.29	Decline build-up
Joel	5.20	4.94	4.78	
Doornkop	3.78	3.59	3.31	
Kusasalethu	6.30	5.99	4.71	4 years of waste dilution
Total underground	6.04	5.74	4.26	





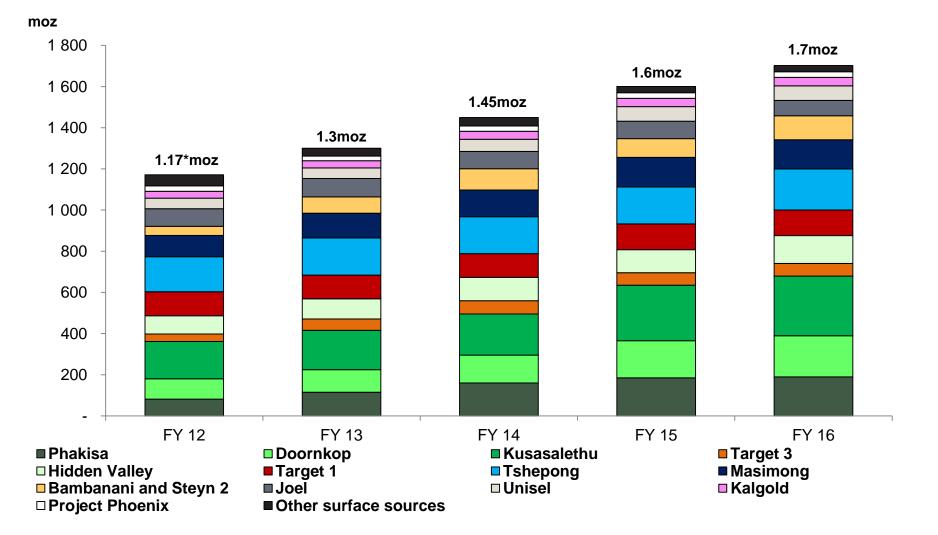
Operation	Expected potential	Cash cost*	Cash costs*	Life of mine	Comments	
Operation	ounces	(R/kg)	(US\$/oz)	(years)		
Kusasalethu	260 000 - 300 000 oz	R240 000 - 250 000/kg	US\$990 -1 030/oz	25 years	In build-up	
Doornkop	185 000 - 200 000 oz	R245 000 - 255 000/kg	US\$1 010 -1 050/oz	16 years	In build-up	
Phakisa	175 000 - 200 000 oz	R200 000 - 210 000/kg	US\$825 - 865/oz	21 years	In build-up	
Tshepong	190 000 - 200 000 oz	R245 000 - 260 000/kg	US\$1 010 -1 070/oz	17 years	Steady state production	
Masimong	135 000 - 150 000 oz	R215 000 - 220 000/kg	US\$890 - 910/oz	13 years	Steady state production	
Hidden Valley	100 000 - 135 000oz¹	Not applicable	US\$825 - 865/oz	13 years	Exploration may increase life	
Target 1	115 000 - 125 000 oz	R235 000 - 250 000/kg	US\$970 -1 030/oz	12 years	Steady state production	
Bambanani	110 000 - 120 000 oz	R180 000 - 200 000/kg	US\$750 - 825/oz	9 years	Shaft pillar	
Joel	75 000 - 85 000 oz	R230 000 - 245 000/kg	US\$950 -1 010/oz	12 years	Decline depth extension commenced	
Unisel	60 000 - 75 000 oz	R270 000 - 290 000/kg	US\$1 115 -1 200/oz	6 years	Steady state production	
Target 3	55 000 - 60 000 oz	R245 000 - 260 000/kg	US\$1 010 -1 070/oz	17 years	In build-up	
Various surface	55 000 - 60 000 oz	R215 000 - 230 000/kg	US\$890 - 950/oz	30+ years	Tailings, rock dumps, clean-up	
Kalgold	35 000 - 40 000 oz	R300 000 - 320 000/kg	US\$1 240 -1 320/oz	12 years	Steady state production	
Steyn 2	13 000 - 15 000 oz	R230 000 - 240 000/kg	US\$950 - 990/oz	2 years	Shaft pillar	
Total	~ 1.7 million oz	~ R230 000 – 240 000/kg	~ US\$950- 990/oz			

 $^{*}\mbox{Future costs}$ are calculated in real terms and using an exchange rate of US\$/R7.55

¹ Represents Harmony's 50% equity portion







*Excluding Evander





- Safety improvements
- Structure change aimed at improved safety, achievement of plans and standardisation
- Commissioning phase almost complete on build-up mines
 - lower risk of new infrastructure teething problems
- Short Interval Control process institutionalised at all operations
- Capital invested to improve infrastructure reliability
- International Mining Industry Underwriters (IMIU) risk reduction
 - higher major equipment availability
- Medical hub roll-out on operations (proactive health strategy) to enhance labour availability
- Values and culture alignment
- Leadership development program for senior and middle management
- Bulk of restructuring completed: higher morale and fewer risks associated with re-structuring



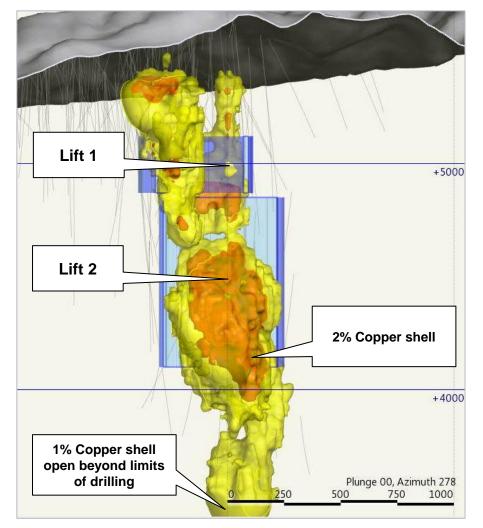
Wafi-Golpu project





Deposit scale upside





Current drilling suggests upside for Lift 1

- High grade mineralised porphyries more extensive than previously thought (implying more contained metal)
- Strike opened to north with latest drill intercepts
 - WR433 190m@ 1.15g/t Au, 2.57%Cu
 - WR434 702m@ 0.82g/tAu, 1.69% Cu

Lift 2 upside

- Open to the east (data constrained)
- Additional porphyries

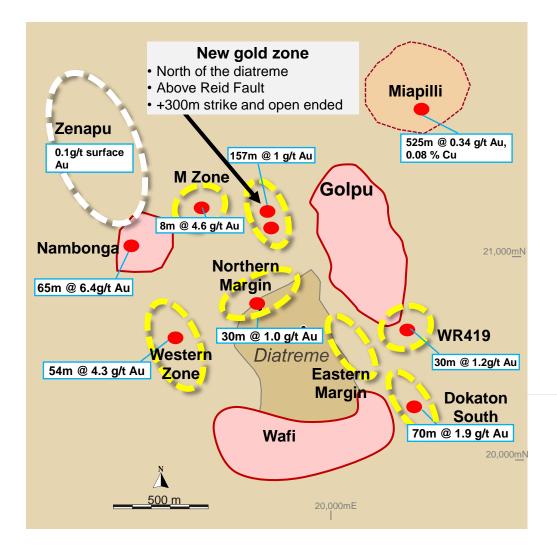
Potential Lift 3

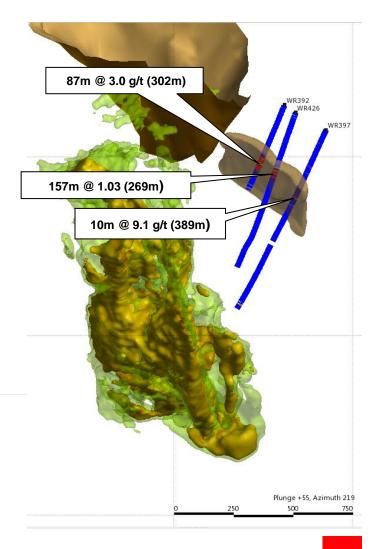
- Significant resource remains for conversion to reserves
- Requires underground drilling



System scale growth potential

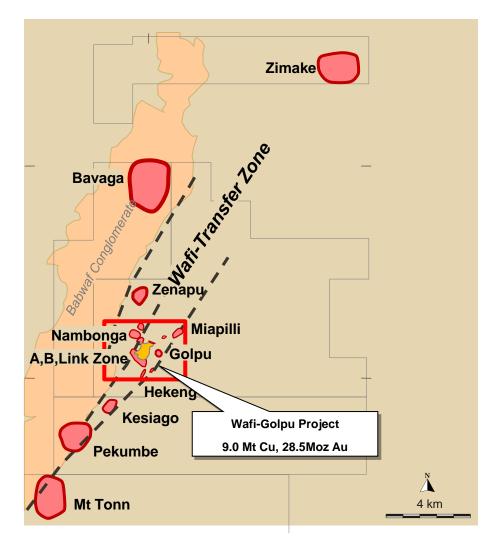








District scale growth potential

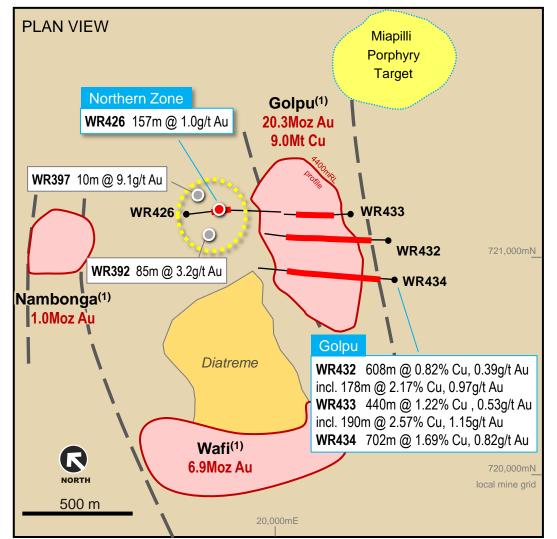


- Characteristically, major porphyry copper-gold deposits occur in groups as clusters or as an alignment of several deposits along structural trend
- Wafi transfer is a major northeast trending crustal structure
- Numerous high tenor, cohesive gold surface geochemical anomalies with underlying magnetic intrusives
- + 25km trend
- Under-explored with drilling having been focused at Wafi-Golpu



Wafi-Golpu resources at 30 June 2012





Golpu

 1000Mt @ 0.63g/t Au, 0.90% Cu (20.3Moz Au, 9.0Mt Cu)

Wafi

• 132Mt @1.69g/t Au (6.9Moz Au)

Nambonga

 40Mt @0.79g/t Au, 0.21% Cu (1.0 Moz Au, 0.1Mt Cu)

Total Resource

• 1 172Mt 28.3Moz Au, 9.08Mt Cu

Northern Gold Zone

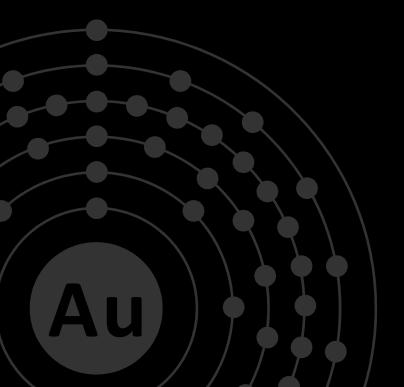
- New gold zone (+200m strike) confirmed west of Golpu
- WR426 157m @ 1.0g/t Au

¹ Numbers quoted at 100%



Golpu

Pre-feasibility study (PFS) results



An exciting investment proposition





	Potential		Grade		Contained metal	
production rate (Mtpa)	Mt	Au g/t	Cu%	Au Moz	Cu Mt	

2007 Pre-feasibility study

2 lifts	9	70	0.61	1.10	1.3	0.8
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2012 Pre-feasibility study

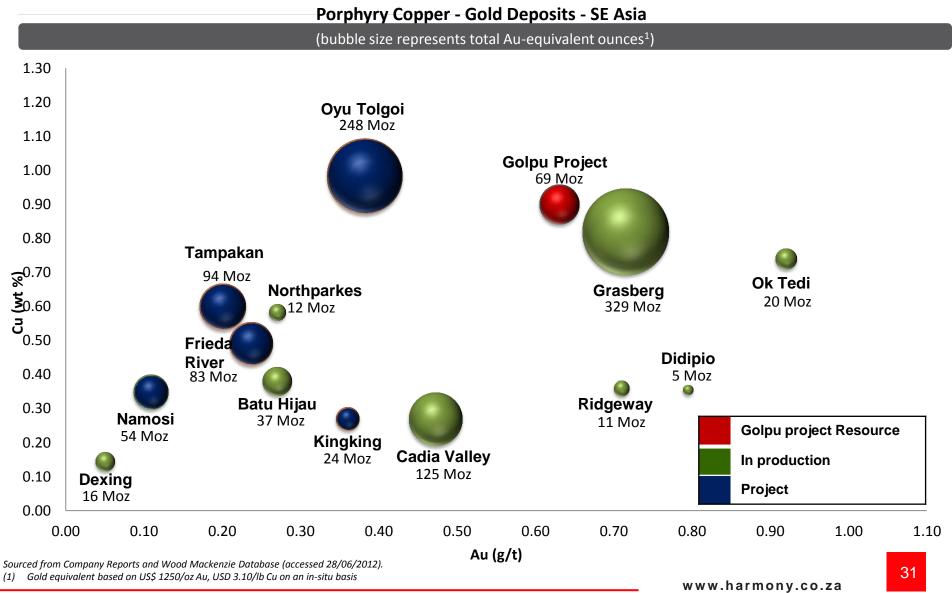
Lift 1	15	82	0.65	1.19	1.7	0.9
Lift 2	22	368	0.90	1.21	10.7	4.5
Total		450	0.86	1.21	12.4	5.4

- Based on the June 2012 Golpu resource model (current drilling excluded)
- Reserve calculated using US\$1 250/oz gold and US\$3.10/lb copper
- Extraction via the block caving mining method
- Flotation treatment to produce a copper/gold concentrate
- Average life of mine operating cost¹ of ≈ US\$20/t – US\$23/t

Note : Resource figures quoted on 100% basis ¹ Future costs are estimated in real terms





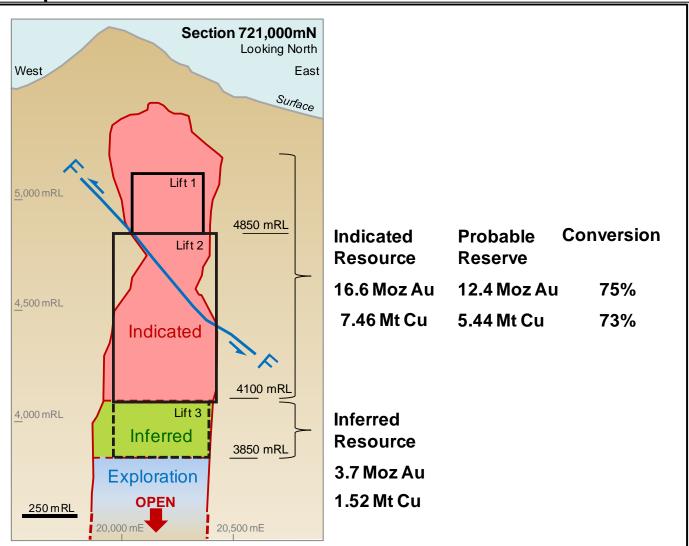




Mining base case 2 lifts with 3rd lift potential



Golpu Cross Section





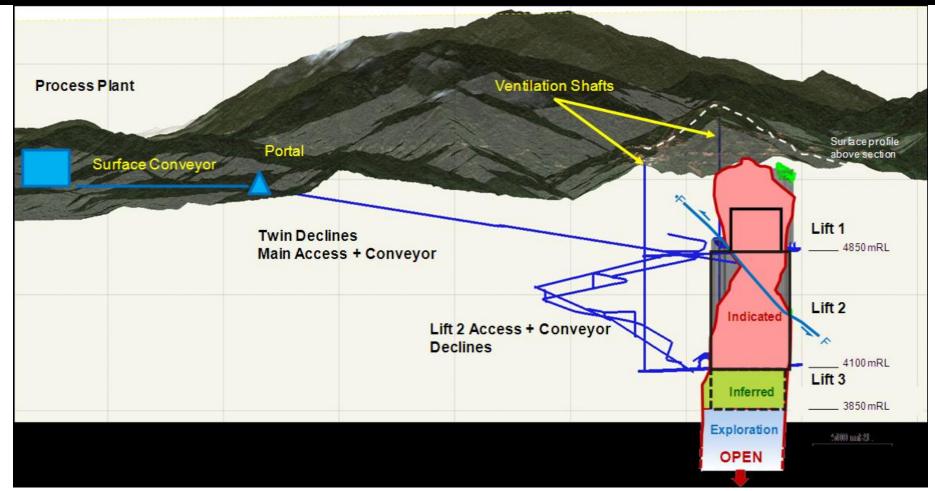


- Aim to achieve optimal balance between resource recovery, financial returns and overall risk
- Orebody's scale and geometry lends itself to block caving
 - Safest, most efficient, and lowest cost extraction of the deposit at the maximum feasible rate of production
- Due to height and geometry of deposit it is proposed to sequence extraction via two block cave lifts – lift 1 at 4 850mRL and lift 2 at 4 100mRL
 - Lift 1 (approximately 750m below surface) will be developed first
 - Production will ramp up to 15Mtpa
 - Development of Lift 2 (approx. 1.45km below surface) to commence 4-5 years after start of production
 - Lift 1 production will eventually be halted once Lift 2 begins to cave and build-up production
 - Lift 2 will then continue to ramp up to a steady state production rate of 22Mtpa
- Mine development plan will be further optimised during Feasibility study
- Strong potential exists for mining to extend below 4 100mRL and this will be tested during the next phase of the study



Mine access layout – preferred option





- Two block cave lifts: sequential mining of lifts
- Rock mass preconditioning by hydraulic fracturing and conditioning techniques
- Mine development plan further optimised in feasibility study
- Remains open at depth

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Project infrastructure









- Consult and communicate with key stakeholders
- Feasibility study is anticipated to commence in early 2013
 - Subject to consultation, gating and Board approval
 - Approximately 24 month time frame
- Environmental Social Impact Assessment conducted in parallel with feasibility Study
- First production in 2019
 - Subject to timely approval of project by State and communities
- Mining approval leading to grant of a Special Mining Lease requires
 - Feasibility study
 - Negotiation of stakeholder agreements (Public Forum and Memorandum of Agreement)
 - Mine Development Contract



Golpu

Financial analysis



An exciting investment proposition





Initial capital cost estimate summary (US\$m)*

	Advanced exploration works and studies	Project construction	Total
Direct costs			
Mine	436	532	968
Process plant	0	652	652
Infrastructure	18	540	558
Power supply	0	472	472
Total direct costs	453	2 196	2 649
Indirect costs			
Project management	238	440	678
Owners costs	247	388	635
Drilling and studies	317	127	445
Total indirect costs	803	955	1 758
Contingency	120	317	437
Total capital cost	1 377	3 468	4 845

* Capital required to first production





Operating cost estimate summary (US\$/tonne milled)

	Life Of Mine
Mining	8.64
Processing	7.39
Infrastructure	1.62
General and administration	5.01
Total operating cost	22.65
	Copper Mine C1 Cash Costs
100 - USc/lb 0 (100) -	
(200)	

*Future costs are calculated in real terms

¹ Price assumptions used: gold price at US\$1 650/oz and copper price at US\$3.50/lb





Pre-feasibility 22Mtpa capacity	Units	Result
Production life	Years	26
Peak Au production	koz pa	560
Peak Cu production	kt pa	335
Annual Au production ¹	koz pa	490
Annual Cu production ¹	kt pa	290
Gold cash cost ²	US\$/oz	Negative 2,600 ³
Copper cash cost ²	US\$/lb	0.54 ³
Total initial capital	US\$ m	4 845
Total capital	US\$ m	9 747

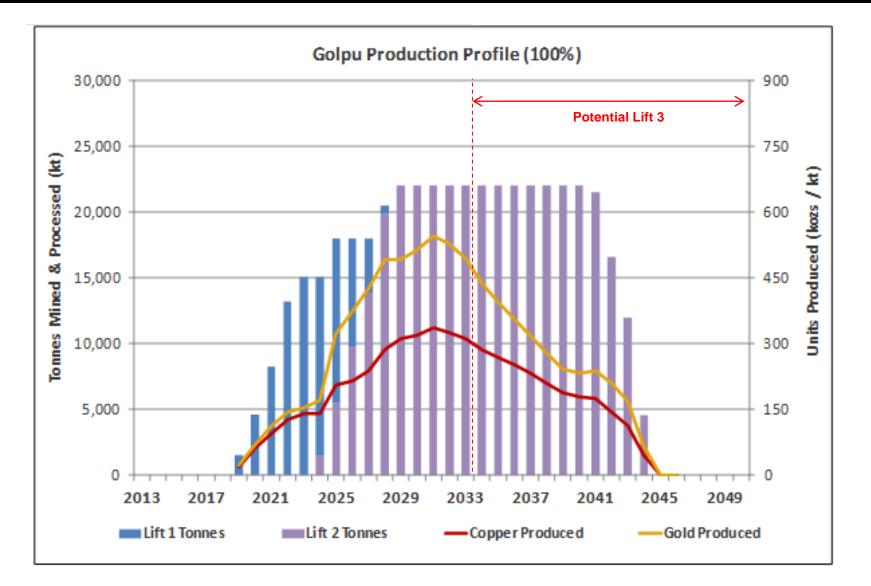
¹ For the period 2026 – 2035

² Net of by-product credits

³ Price assumptions used: gold price at US\$1 650/oz and copper price at US\$3.50/lb



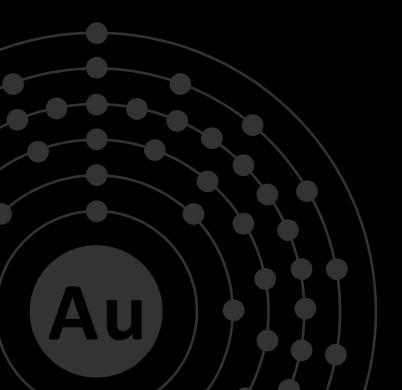






Golpu

Significant upside potential



An exciting investment proposition

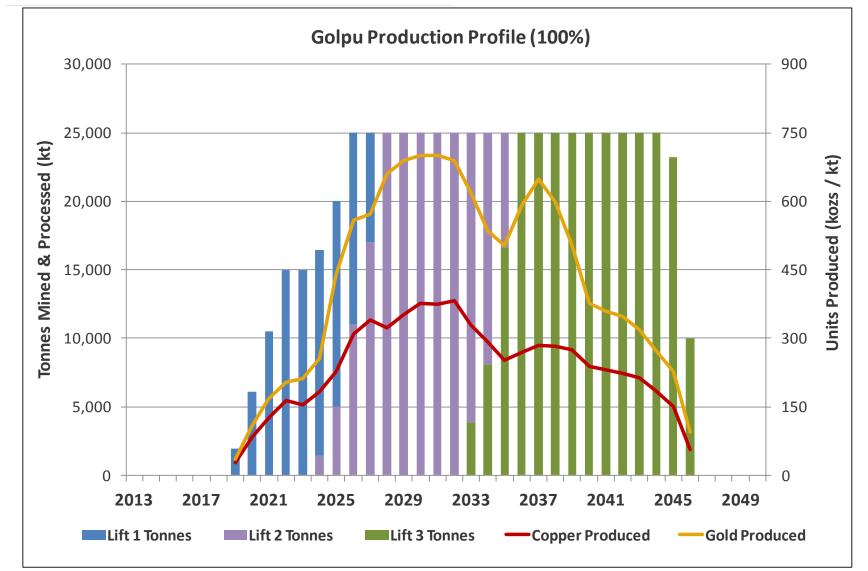




- Higher grade and recovery in Lift 1- recently 3 holes in upper section of Golpu deposit returned high grade intercepts
- Optimise metallurgical recovery for gold during the feasibility study the metallurgical studies will test an increase in gold recovery
- Ramp up and production rate feasibility study will test impact of accelerating ramp up in production and sustaining a 25Mt per annum mining and processing rate
- Mining Lift 3 holes drilled at depth beneath Lift 2 have returned high grade drill intercepts - a study will assess a third mining lift











- World-class project, long life, generating strong cash flows
- Lowest industry quartile operating cost (gold and copper)
- Technically and financially viable development model identified
- Strong support from local community, Provincial and State Governments
- Significant upside Golpu deposit and Wafi transfer structure
- The next phase of the study will focus on the following
 - Consult and communicate with key stakeholders, including State, Provincial government and local communities; feedback from these discussions will inform the project schedule
 - Additional resource and conversion to reserve
 - Optimised and improved metal recovery
 - Accelerated production ramp up and mining rate
 - Capital optimisation



Financials

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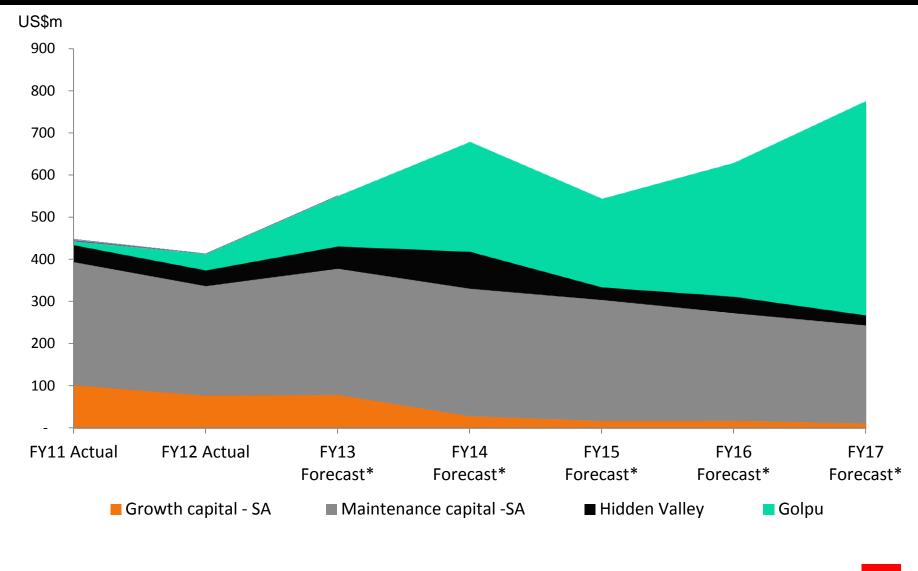


Total Cash Operating Cost	Y-on-Y %	Variance on total %
Total FY12 vs FY11		-20%
Build-up operations	-91%	-12%
Bambanani restructure	41%	4%
Hidden Valley	-23%	-2%
Steady operations	-14%	-10%

Estimated average cost increase of 12% for FY13

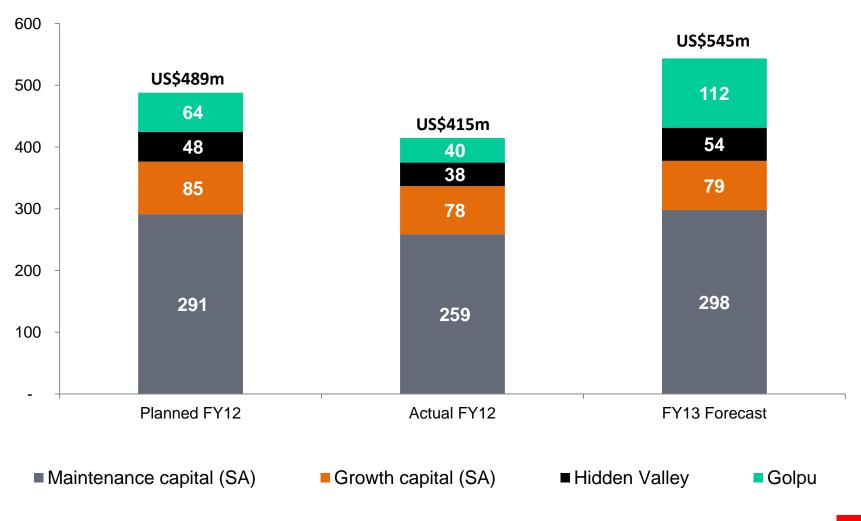






*Future costs are estimated in real terms and using an exchange rate of US\$/R7.55 Note: Golpu figures included represent Harmony's 50% equity portion



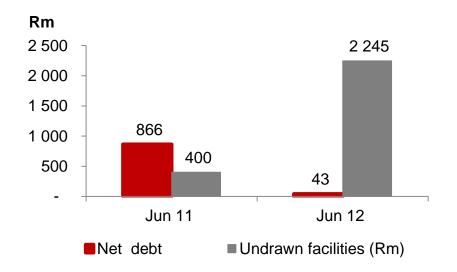


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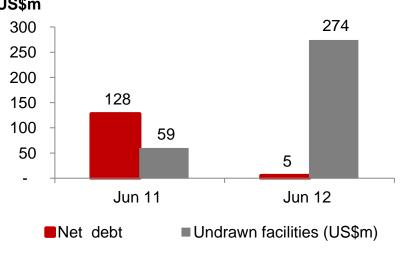


Low debt and available facilities









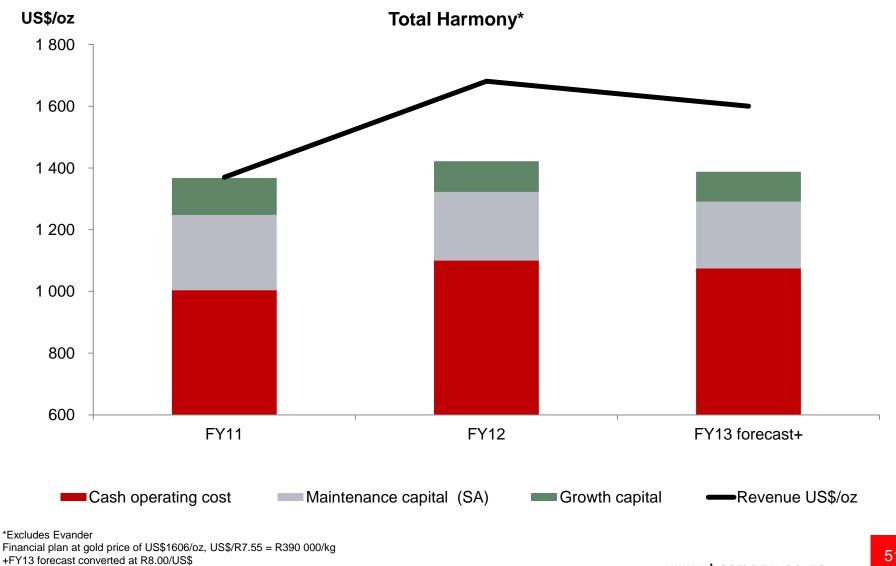
Year on year* results

- Operating profit increased by 80% at R5.9bn (US\$759m)
- Headline earnings per share more than doubled at 551 SA cents (US\$71 cents)
- Total dividends declared for FY12 90 SA cents
- Exploration spent of R500m (US\$64m)
- Capital spent of R3226m (US\$415m)

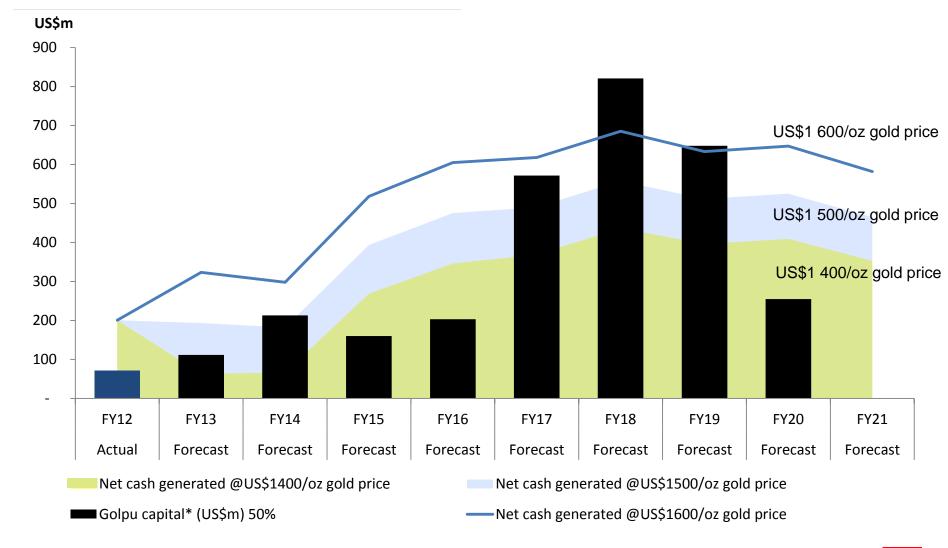
*Including discontinued operations











* R8.00/US\$ exchange rate has been used to calculate net cash generated Note: Future costs are calculated in real terms

Harmo





- Cash flow from operations
- Corporate debt
- Corporate bonds
- Pre-paid copper forward
- Project finance
- Convertible bonds





In conclusion

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Growth

- Ore reserve growth increased by 27%
- Dividend growth increased by 50%
- Lowered net debt by R823m (US\$123m)
- Operations funded all capital expenditure (R3.2bn; US\$414m)

Exploration

- Increased expenditure by 54%
- Increased number of gold and copper targets
- Improved diversity geographic and copper
- Discovery cost of US\$6 per equivalent resource ounce





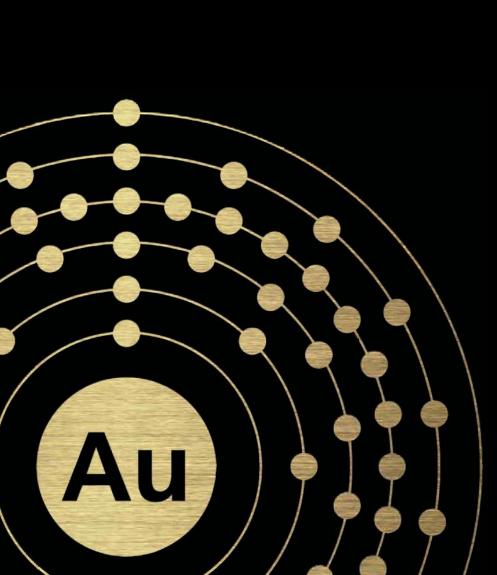
Optimising operational delivery

- Improved safety
- Disposed of non-core assets
- Improved margin 26% in FY11, 35% in FY12
- Leverage to gold price
 - 36% increase in R/kg gold price, resulting in an 80% increase in Rand profit
 - 23% increase in US\$/oz gold price, resulting in a 62% increase in US\$ profit

Golpu

- World class gold/copper project, long life, generating strong cash flows
- Lowest industry quartile operating cost (gold and copper)
- Significant upside potential Golpu and the Wafi transfer structure





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An exciting investment proposition