

Interim Results (Six Months to 31 December 2013)

**20 February 2014** 



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# H1 FY 2014 Highlights



- Further significant growth in production, revenue and underlying profitability
- Firmly on track to meet full year guidance of ca. 3 Mcts
- Rand costs well controlled; US\$ reported costs assisted by weaker Rand
- Finsch and Cullinan expansion programmes on schedule
- H1 operating cashflow funded H1 Capex
- Petra targeting commencement of dividend payment from FY 2016
- Firm diamond market; expected to remain stable in H2



<sup>1.</sup> Stated before share based expense, net unrealised foreign exchange gains and losses, retrenchment costs, impairment charges and non-recurring transaction costs

# **Summary Results**



	H1 FY 2014	H1 FY 2013 <sup>1</sup> (restated)	FY 2013
Revenue	185.5	156.3	402.7
Adjusted mining and processing costs <sup>1</sup>	(114.2)	(123.8)	(270.3)
Other direct income	2.1	1.7	6.2
Profit from mining activity <sup>1</sup>	73.4	34.2	138.6
Cash operating margin	39%	22%	34%
Exploration expense <sup>1</sup>	(1.4)	(2.8)	(4.8)
Corporate overhead <sup>1</sup>	(6.2)	(5.8)	(11.4)
Adjusted EBITDA <sup>1</sup>	65.8	25.6	122.4
Depreciation	(21.1)	(20.7)	(42.8)
Share based expense	(2.4)	(0.8)	(3.3)
Net finance (expense) / income1	(1.0)	0.5	(3.4)
Tax expense	(13.8)	(0.3)	(24.6)
Adjusted profit after tax <sup>1</sup>	27.5	4.3	48.3
Net unrealised foreign exchange gain / (loss)1	0.9	(1.1)	(4.7)
Impairment charges <sup>1</sup>	-	(17.8)	(12.6)
Retrenchment costs <sup>1</sup>	-	-	(2.6)
Transaction costs	-	(0.6)	(0.5)
Net profit / (loss) after tax	28.4	(15.2)	27.9
Basic earnings / (loss) per share – US\$ cents	4.70	(1.91)	6.30
Diluted earnings / (loss) per share – US\$ cents	4.56	(1.91)	6.13
Adjusted basic earnings per share – US\$ cents¹	4.52	1.93	10.31
Adjusted diluted earnings per share – US\$ cents¹	4.40	1.89	10.03

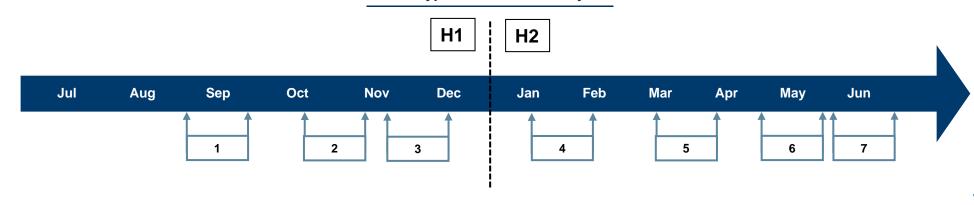
<sup>1.</sup> Refer to announcement dated 20 February 2014 for detailed notes

# H1 versus H2



	Unit	H1 FY 2014	H1 FY 2013	Variance	FY 2013
<u>Sales</u>					
Revenue	US\$M	185.5	156.3	+19%	402.7
Diamonds sold	Carats	1,417,694	1,066,662	+33%	2,539,844
<b>Production</b>					
ROM diamonds	Carats	1,140,479	995,521	+15%	2,038,115
Tailings / alluvial diamonds	Carats	495,237	252,001	+97%	630,190
Total tonnes treated	Tonnes	7,739,953	7,253,437	+7%	14,853,582
Total diamonds	Carats	1,635,716	1,247,522	+31%	2,668,305
Capex					
Expansion	US\$m	69.0	61.6	n/a	126.3
Sustaining	US\$m	11.6	20.5	n/a	52.6
Borrowing costs capitalised	US\$m	4.7	10.0	n/a	12.3
Total	US\$m	85.3	92.1	n/a	191.2

#### **Petra Typical Tender Sales Cycle**

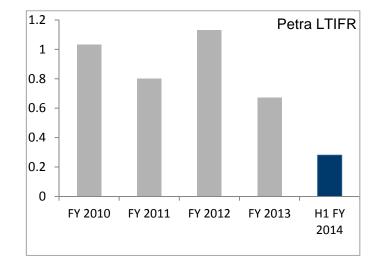


# **Corporate Highlights**



#### **Health and Safety**

- Very regrettably, a fatality occurred further to an accident at Cullinan on 17 January 2014
- Petra and management extend sincere condolences to the family and friends of the deceased
- Petra will relentlessly continue to take whatever action is required in pursuit of a zero harm environment
- Group LTIFR reduced from 0.53 (H1 FY 2013) to 0.28



#### **Exploration – Botswana**

- Exciting new exploration co-operation agreement with Manica Minerals, led by renowned kimberlite expert Dr. John Gurney
- Will combine Petra and Manica's extensive exploration experience and provide access to prospective licences covering approximately 23,000 km<sup>2</sup>
- Aim to lift KX36 from 'deposit' status, but further work required to raise confidence levels of both grade and value

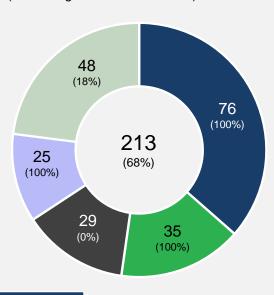


# **Fully Financed Capex Profile**





US\$ million (Percentage utilised in brackets)



ABSA and FNB: Amortising term

IFC: Amortising term

ABSA and FNB: Revolving credit

IFC: Revolving credit

ABSA and FNB: Working capital and foreign exchange settlement facilities

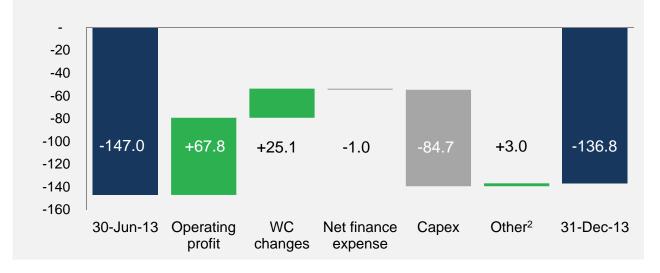
#### H1 FY 2014: Free Cashflow Positive

- Operating cashflow of US\$91.9 million
- Cash capex of US\$84.7 million

#### As at 31 December 2013:

- Cash: US\$28.0 million and diamond inventories of ca. US\$49.4 million
- Bank loans and borrowings: US\$136.8 million
- Net debt: US\$108.8 million
- Foreign exchange settlement liabilities: US\$8.8 million
- Facilities undrawn and available: US\$67.5 million

#### **Loans and Borrowings Movement** (US\$ million)



- 1. Utilising an exchange rate of US\$1:R10.445
- 2. 'Other' includes effect of exchange rate fluctuations on loans and borrowings and proceeds from issuance of share capital

# **Operating Costs**



- On-mine cash costs decreased by 8% in US\$ terms:
  - SA operations costs increased in ZAR terms by ca.
     11%, mainly due to increased production and inflationary pressures
  - Offset by weakening ZAR vs USD (R10.07 average for H1 FY 2014 vs R8.46 for H1 FY 2013)
- Petra's cost focus and higher tonnage throughput helped mitigate inflationary cost pressures

# 7% 40%

Other

Labour

and Stores

Contractors, Consumables

On-mine cash cost make-up

# Breakdown of mining and processing costs H1 FY 2014 (US\$ million)

On-mine cash costs <sup>1</sup>	Diamond royalties	Inventory movement	Group technical, support and marketing costs <sup>2</sup>	Other	Adjusted mining and processing costs	Depreciation	Share based expense	Total mining and processing costs (IFRS)
122.6	1.6	(18.9)	6.7	2.2	114.2	20.7	1.4	136.3

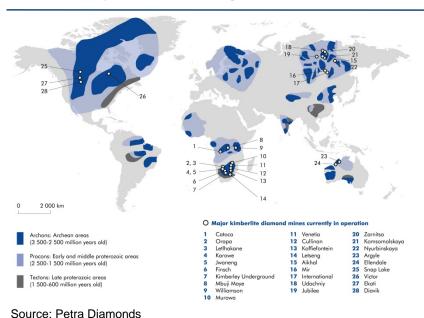
- 1. Includes all direct cash operating expenditure at operational level, i.e. labour, consumables, utilities and on-mine overheads
- 2. Certain technical, support and marketing activities are conducted on a centralised basis; results include Petra's SPV set up to partially fund its mining rehabilitation obligations

#### **Diamond Market Overview**

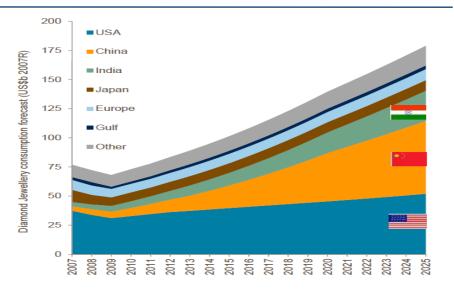


- Limited supply: only ~30 significant kimberlite mines in production; no major discoveries since 1990's
- Major mines maturing: past production peak; moving underground = lower tonnages + higher operating costs
- Late cycle credentials: demand driven by urbanisation trend and growing middle classes
- Exciting demand growth: consumption per capita in emerging regions still way below that of mature markets
- Mass luxury: China/India markets starting to follow US model of affordable diamond jewellery (\$200 to +\$2,000)

#### **Limited Supply – less than 30 significant kimberlite mines**



#### **Growing Demand – China to surpass US marketshare by 2025**



Source: Rio Tinto

# **Petra Production Profile**



- Ever growing volumes across the full diamond spectrum
- Petra well positioned to supply into the growing mass luxury diamond segment



# **Selection of H1 Specials**



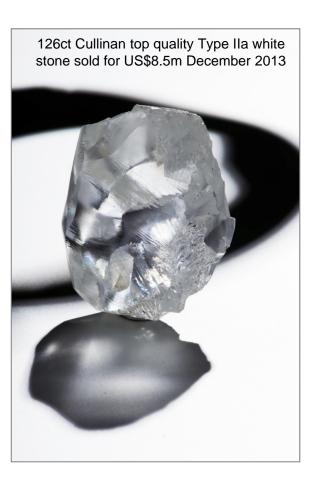
- ca. US\$1m stones are fairly regular and considered run of mine
- +US\$5m stones are considered exceptional average contribution to revenue of ca. US\$16m pa over last five years



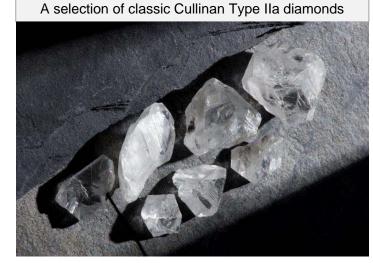
14.9ct Cullinan yellow stone sold for US\$888k



Finsch yellow stones of 36ct and 43ct sold for US\$509k and US\$689k



91.5ct Cullinan Type IIa white stone sold for US\$3.7m



# Cullinan Blue achieves US\$25.6 million



- Cullinan is the world's most important source of very rare and highly coveted blue diamonds
- Exceptional 29.62 carat Type IIb diamond recovered in January 2014
- An outstanding vivid blue with extraordinary saturation, tone and clarity
- Bought for Cora International NY through the South African company Golden Yellow Diamonds
- Price achieved of US\$25,555,555, or US\$862,780 per carat

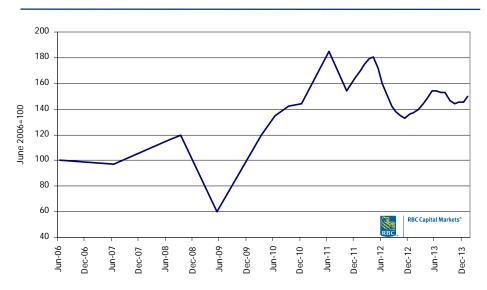


# **Current Rough Diamond Market**



- Solid seasonal sales, indicators of increasing global economic confidence, restocking of inventories and cautious optimism from Petra client base provides positive basis for firm market conditions in H2
- H1 prices largely in line with guidance, with exception of Finsch (plant changes) and Koffiefontein (higher volumes of lower value recovery tailings)
- First tender of H2 achieved US\$60.2 million on the sale of 432,187 carats

#### **RBC Capital Markets Rough Diamond Index (June 2006 = 100)**



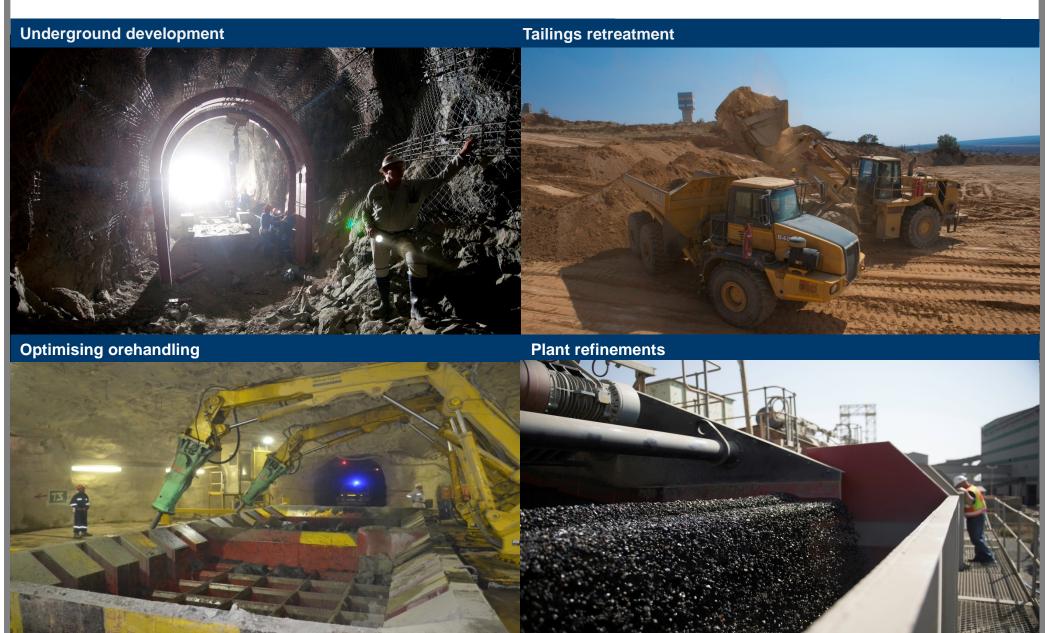
Petra – Rough Diamond Prices (US\$/ct)

Mine	Average <sup>1</sup> (US\$/ct) H1 FY 2014	Management guidance (US\$/ct) FY 2014
Finsch	96	100 <sup>2</sup>
Cullinan	150 <sup>3</sup>	139
Koffiefontein	451	518
Kimberley Underground	297	301
Helam	155	145
Williamson <sup>4</sup>	256	254

- 1. Unless stated, average values include all sales; i.e. ROM, tailings, other (e.g. Ebenhaezar satellite pipe) and special stones
- 2. Guidance for Finsch adjusted from US\$113/ct to US\$100/ct due to plant cut-off changes
- 3. Cullinan H1 FY 2014 average value includes the 126.4ct white diamond sold for US\$8.5m; average value excluding this stone was US\$129/ct
- Williamson ROM sales only

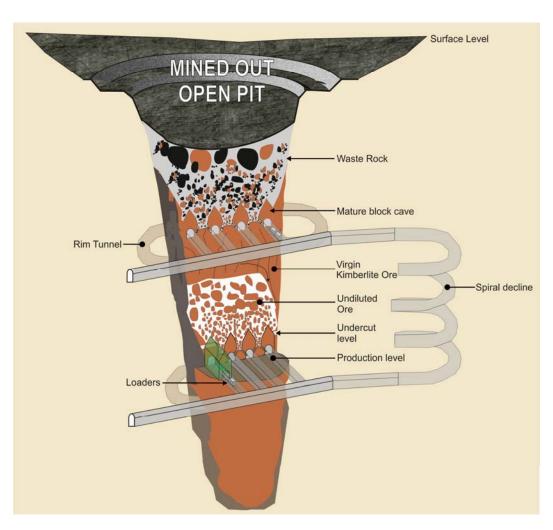
# **Expansion Programmes Snapshot**





# **Moving into Undiluted Ore**



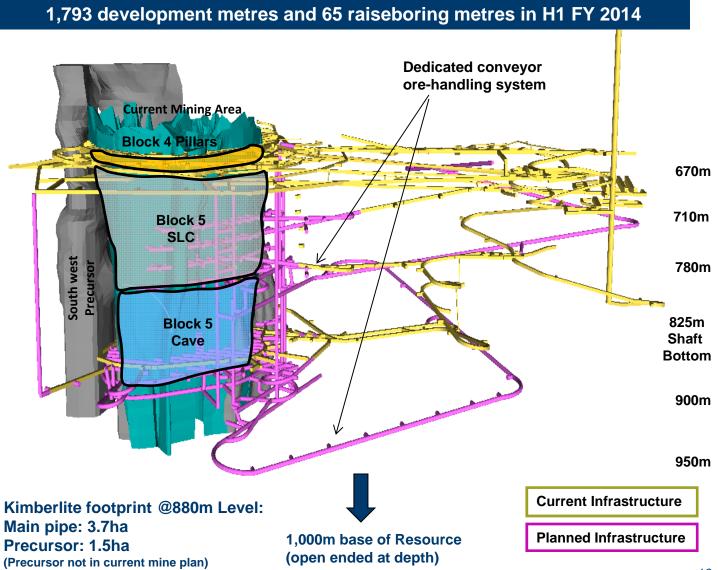


- Caving is a safe and proven mechanised mining method; provides access to higher volumes of ore than other methods
- Current underground mining taking place in diluted, mature caves nearing end of lives
- Expansion programmes to take next 'cut' by deepening and establishing new block/sub level caves in undiluted kimberlite
- Grades expected to rise significantly, increasing margin per tonne mined:
  - Finsch c. 37 cpht to c. 56 cpht<sup>1</sup>
  - Cullinan c. 31 cpht to c. 50 cpht1
- Will reduce wear and tear on processing systems (waste rock is harder and more abrasive than kimberlite)

#### Finsch – H1 Results



	H1 FY 2014	H1 FY 2013
Carats sold US\$/carat	863,319 96	540,728 122
Revenue	83.2	65.9
ROM Tonnes (Mt) Grade (cpht) Carats	1.5 37.6 565,334	1.4 31.3 434,726
Tailings Tonnes (Mt) Grade (cpht) Carats	1.3 31.0 409,097	1.2 16.7 207,928
Total diamonds recovered (carats)	974,431	642,654
On-mine cash cost per tonne treated (ZAR)	143	139
Capex (US\$M)	24.7	20.8

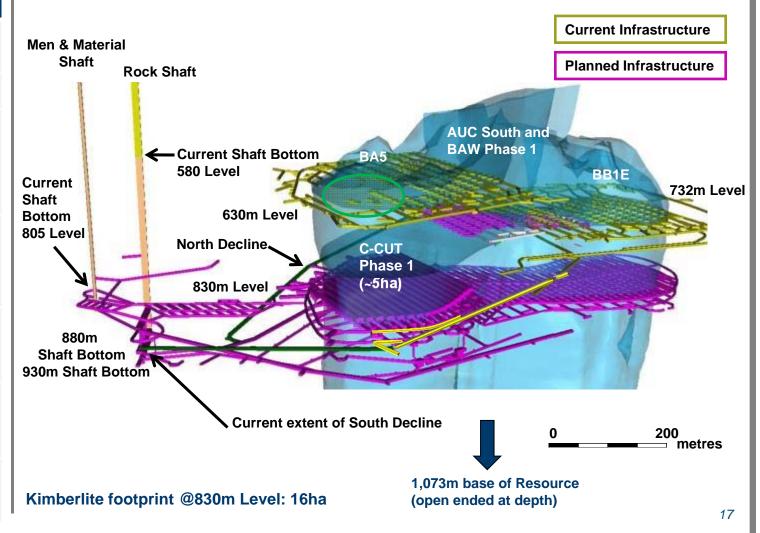


#### **Cullinan – H1 Results**



	H1 FY 2014	H1 FY 2013
Carats sold US\$/carat	409,117 150	363,833 134
Revenue	61.3	48.7
ROM Tonnes (Mt) Grade (cpht) Carats	1.3 31.0 399,819	1.3 30.0 384,146
Tailings Tonnes (Mt) Grade (cpht) Carats	1.0 6.0 61,519	0.6 4.3 24,618
Total diamonds recovered (carats)	461,338	408,764
On-mine cash cost per tonne treated (ZAR)	147	169
Capex (US\$M)	37.2	44.6

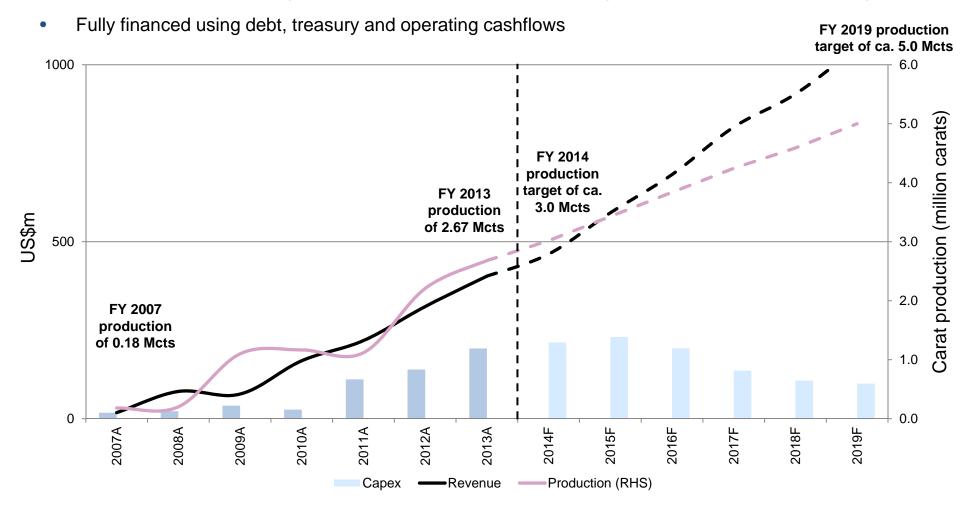
# 2,641 development metres and 544 raiseboring metres in H1 FY 2014



# Roadmap to 5 Million Carats pa



• Growth profile is solely organic and brownfields – expansion programmes to open up new mining areas



Note: All forecasts for Capex, revenue and production are management estimates. Capex is in nominal terms; diamond prices are calculated using a 4% real price increase.

#### **Outlook**









#### **Rising Production**

- Firmly on track for ca. 3 million carats in FY 2014
- Organic growth to ca. 5 million carats based on existing portfolio
- Brownfield expansions of existing mines – lower mining risk and capex intensity
- Capex profile fully financed

#### **Rising Margins**

- Grades expected to rise ca. 50% once expansion plans access undiluted ore
- Carat production planned to double by FY 2019 but tonnages to only rise ca. 30%
- Group margins expected to go from ca. 39% (H1 FY 2014) to ca. 50% (FY 2019)
- Unit costs to be more manageable due to benefit of higher tonnages and increased efficiencies

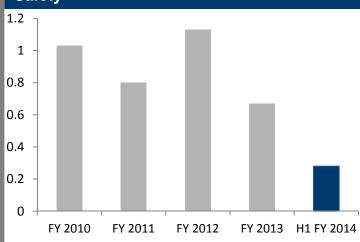
#### **Rising Prices?**

- Petra expects firmer market conditions to continue in H2 2014
- Positive longer term outlook suggested by supply constraints combined with strong emerging markets growth and recovery in US market
- 'Mass luxury' to drive market; affordable diamond jewellery for all budget ranges

# **Integrated Approach to Sustainability**



#### Safety



Safety of employees is top priority for management

Petra striving for zero harm across its operations

Left: Petra's LTIFR Rate



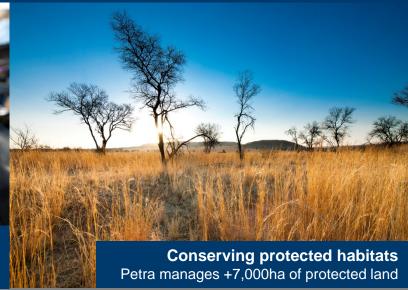
Investing in communities
The Mwadui primary school owned and operated by Williamson





Food tunnels at the Letsemeng
Youth Hostel supported by

Koffiefontein







**Appendix** 

# **Capital Structure**



	<u></u>
High Quality Share Register (as at 14 February 2014)	% ISC
Al Rajhi Holdings W.W.L.	13.1%
Saad Investments Company Ltd / AWAL Bank	11.9%
T. Rowe Price	10.2%
JP Morgan Asset Management Holdings Inc.	7.8%
BlackRock Investment (UK) Limited	7.3%
Prudential plc group of companies <sup>1</sup>	6.1%
Directors	2.5%

<sup>&</sup>lt;sup>1</sup> of this holding, 30,929,516 shares are held by M&G Investment Funds 3

# Share Price (1 year) 150.0 140.0 120.0 110.0

Listing	LSE: PDL
Average daily trading volume (shares) – (last 12 mths)	0.6m
Shares in issue	512.1m
Free float	72.5%
Market cap @ 150p (14 February 2014)	£768m

#### The Petra Board





#### Adonis Pouroulis (43) Non-Executive Chairman

Successful mining entrepreneur Founded Petra Diamonds in 1997 and floated first diamond company on AIM Along with fellow directors, built Petra into pan-African diamond group with over 5,000 employees (as at 30 June 2013)

Instrumental in raising funds to help finance and structure early stage mining companies in Africa



### Johan Dippenaar (56) CEO

One of South Africa's most successful diamond entrepreneurs with +20 years' experience

Founded diamond group in 1990 and grew portfolio to three producing mines before listing as Crown Diamonds on ASX

Merger with Petra in 2005 – now at helm of London's largest diamond company



## David Abery (51) Finance Director

Extensive experience as Chief Financial Officer in South African and UK business environments

In-depth knowledge of London capital markets

Integral to structuring and deliverance of strategic group corporate development, including acquisitions and joint ventures



#### Jim Davidson (68) Technical Director

Acknowledged world authority on kimberlite geology and exploration +20 years' experience in diamond mine management

Formerly Head of Diamond Exploration for Rio Tinto across Southern Africa As Technical Director of Crown Diamonds, managed specialist underground fissure mines over a decade



# Tony Lowrie (71) Senior Independent Non-Executive Director

Over 35 years' association with the equities business and an experienced NED

Formerly Chairman of ABN AMRO Asia Securities & MD of ABN AMRO Bank. Has previously been a NED of Allied Gold Plc (prior to its merger with St Barbara Limited), Dragon Oil plc, J. D. Wetherspoon plc and several quoted Asian closed end funds

Currently NED of Kenmare Resources plc and a Director of the Edinburgh Dragon Fund



# Dr Patrick Bartlett (68) Independent Non-Executive Director

Acknowledged expert on kimberlite geology and design and geotechnical aspects of block caving

Formerly Chief Geologist for De Beers; responsible for all kimberlite mines in South Africa

In-depth knowledge of several Petra mines, having worked at Finsch, Koffiefontein, Kimberley Underground, plus was geologist at Cullinan between 1983 to 2003

Since retiring has been involved in block caving projects for BHP, Anglo and Rio Tinto



## Gordon Hamilton (68) Independent Non-Executive Director

Extensive experience as a NED across wide range of businesses, both JSE and LSE listed; chairs Audit Committee for all these companies

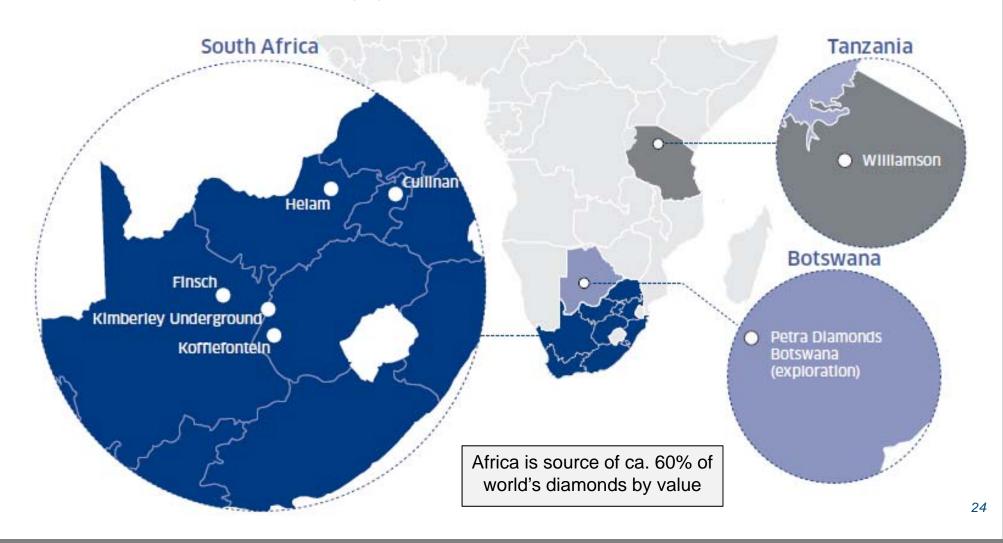
Formerly a partner for +30 years at Deloitte & Touche LLP; primarily responsible for multinational and FTSE 100 listed company audits, mainly in mining, oil & gas, and aerospace and defence; headed up Deloitte South Africa desk in London

Served for 9 years as member of the UK Financial Reporting Review Panel

#### **Focus on Africa**



- Six producing mines (five in South Africa and one in Tanzania), plus exploration in Botswana
- Diversified portfolio is key to managing production risk across the Group



# **An Exceptional Growth Path**



Petra has acquired five non-core diamond mines from De Beers (four in South Africa, one in Tanzania):

#### **July 2007**

# Koffiefontein 74% Petra¹; 26% BEE Sub-level / Block Cave 12yr Mine Plan +20yr Potential Life

#### **July 2008**



Block Cave 17yr Mine Plan +50yr Potential Life

#### February 2009



Government of Tanzania

Open Pit

20yr Mine Plan +50yr Potential Life

#### May 2010



Block Cave 13yr Mine Plan +13yr Potential Life

#### September 2011



#### The Petra Approach: Mine Management

- Focus on efficiencies and simplification of management structures
- Disciplined cost control and share services across mines
- Focus on 'value' as opposed to 'volume' production
- Maximise rough diamond prices through competitive tenders

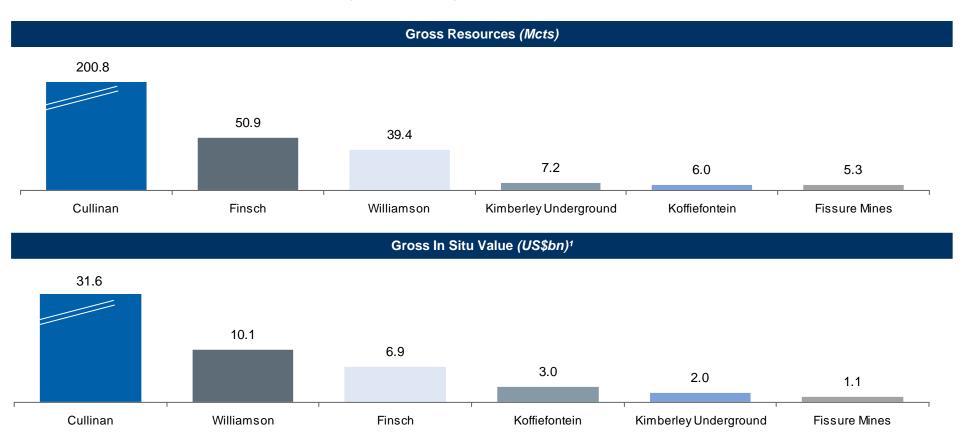
#### The Petra Approach: Project Development

- Utilise in-house expertise/knowledge in design and execution of capital programmes
- Phased approach to achieve low capital intensity
- Make decisions, get started

#### **World-class Resource Base**

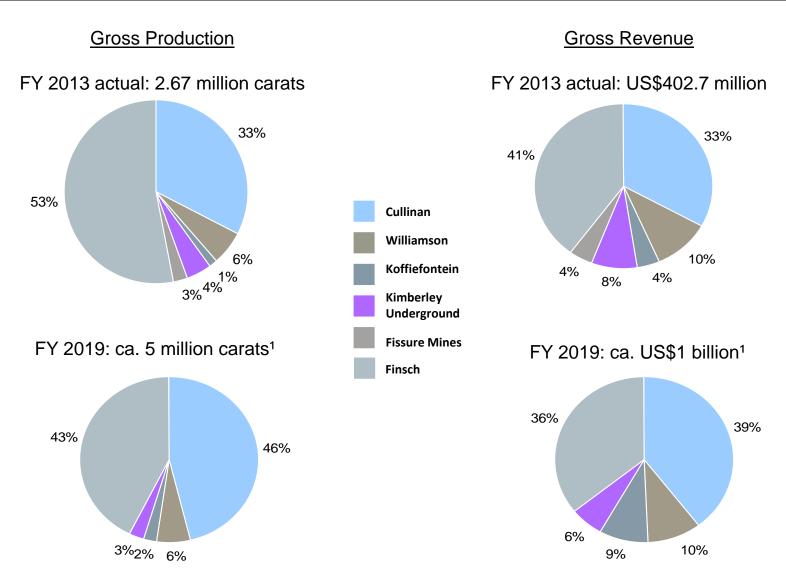


- Largest resource base outside the majors (Alrosa, De Beers, Rio Tinto)
- Group resource base of 309.6 million carats worth ~US\$55.0 billion¹ (at 30 June 2013)
- Solid foundation for sustainable, long-term mining operations



#### Production and Revenue – FY 2013 vs FY 2019





# **H1 FY 2014 Operating Cashflow**

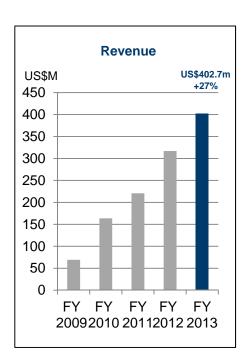


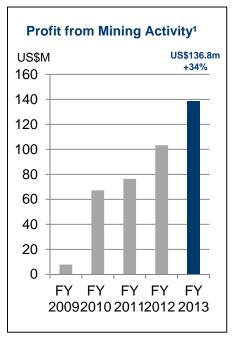
	H1 FY 2014 (US\$m)	H1 FY 2013 (US\$m)	FY 2013 (US\$m)
Profit / (loss) before tax	42.2	(14.9)	52.5
Adjusted for non cashflow items	25.6	40.1	67.3
Cash generated before working capital changes	67.8	25.2	119.8
Decrease / (increase) in net working capital	25.1	2.4	(44.2)
Cash generated from operations	92.9	27.6	75.6
Finance expense	(1.0)	(1.3)	(2.6)
Net cash generated from operating activities	91.9	26.3	73.0¹

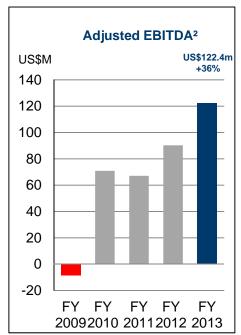
<sup>1.</sup> Petra reported an 'Adjusted operating cashflow' figure of US\$132.8 million in its preliminary results for the year to 30 June 2013 ("FY 2013") – see slide 29 for more information.

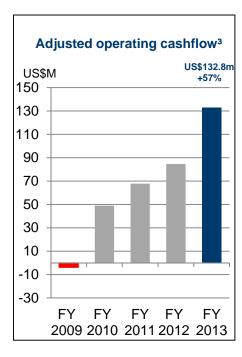
# FY 2013 – Key Performance Indicators











- 1. 'Profit from Mining Activity' is stated before retrenchment costs, depreciation and share-based expense.
- 2. 'Adjusted EBITDA' excludes share-based expense, net unrealised foreign exchange losses, retrenchment costs, non-recurring transaction costs and impairment charges.
- 3. 'Adjusted operating cashflow' is IFRS operating cashflow adjusted for the movement in FY 2013 versus FY 2012 diamond debtors of ca. US\$50 million. This was due to a large tender that closed shortly before the FY 2013 year end, resulting in higher than normal diamond debtors as at 30 June 2013. Diamond debtors were settled shortly after year end.

# FY 2013 – Operations Results



Operation		Finsch (74%¹ Petra; 26% BEE)		Cullinan (74%¹ Petra; 26% BEE)		Koffiefontein (74%¹ <sup>&amp; 2</sup> Petra; 26% BEE)		Kimberley UG (74%¹ Petra; 26% BEE)		<b>Williamson</b> (75% Petra; 25% Government of Tanzania)	
	FY 2013	FY 2012	FY 2013	FY 2012	FY 2013	FY 2012	FY 2013	FY 2012	FY 2013	FY 2012	
Total Production											
Tonnes treated (Mt)	5,210,546	3,861,012	4,080,893	3,172,671	1,481,521	1,465,950	804,725	587,065	3,115,319	1,105,027	
Diamonds recovered (carats)	1,412,465	1,104,618	868,975	867,780	34,800	40,117	115,400	68,422	164,376	57,050	
<u>Sales</u>											
Diamonds sold (carats)	1,336,418	989,101	816,611	876,384	35,168	38,798	113,383	61,895	165,324	49,153	
Average price per carat (US\$)	120	138	163	128	471	487	295	320	254	236	
Revenue (US\$M)	160.6	136.9	133.0	112.0	16.6	18.9	33.4	19.8	41.9	11.6	
Costs											
On-mine cash cost per tonne treated	R139	R134	R158	R177	R136	R125	R265	R295	12	18	
Capex											
Expansion Capex	33.5	8.7	64.0	42.4	10.9	6.1	17.6	15.4	8.4	18.8	
Sustaining Capex	10.6	3.3	17.2	7.5	9.5	5.4	4.0	5.6	3.3	1.6	
Borrowing Costs Capitalised	4.5	-	7.8	4.5	-	-	-	-	-	1.8	
Total Capex	48.6	12.0	89.0	54.4	20.4	11.5	21.6	21.0	11.7	22.2	

¹ Other than the percentage interests above, Petra has an interest in Sedibeng Mining, one of its BEE partners – refer document 'Effective Interest in Mines': <a href="http://www.petradiamonds.com/investors/analysts/ana

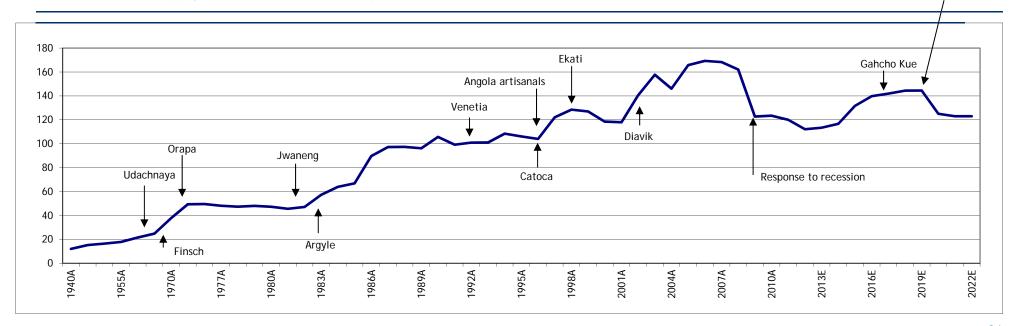
# **Falling Supply**



- Production fell 28% from 2005 (177 Mcts; Zimbabwe 0.2 Mcts) to 2012 (128 Mcts; Zimbabwe: 12.1 Mcts)
- Success rate for finding an economic diamondiferous kimberlite is estimated to be ca. 1% (De Beers)
- No Tier 1 discoveries for 20 years, despite US\$ billions spent on exploration in 1990s
- Long lead times from discovery to production (7 14 years) and development can be costly

#### Global diamond supply: historical and forecast production

Declining from +140 Mctpa



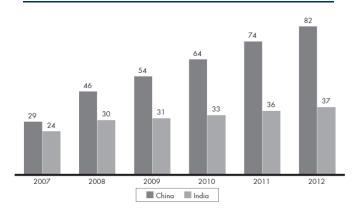
Source: RBC Capital Markets

# **Growing Demand**



- Demand growth driven by urbanisation and growing middle classes in emerging markets, as well as continued economic recovery in major US market
- Additional 1.3bn people to attain middle income status by 2030;
   2.6bn by 2050 (HSBC 'Consumer in 2050' report)
- China starting to follow US trend mass market with emphasis on lower quality goods
- 'Mass luxury' affordable diamond jewellery (\$200 to +\$2,000) to drive market

#### Number of middle class households, millions

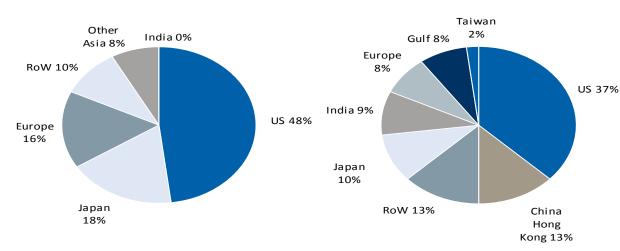


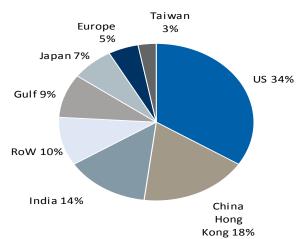
Source: Euromonitor / Bain analysis

World diamond jewellery sales 2000

World diamond jewellery sales 2012

#### World diamond jewellery sales 2017E





Source: De Beers / RBC Capital Markets

#### **Rare Diamonds Continue to Break Records**





12 November 2013:
The Orange, at 14.8cts the largest known fancy-vivid orange diamond, sold for US\$36 million, or US\$2.4 million per carat; being the highest price per carat on record for any diamond (South Africa – date unconfirmed)



7 October 2013: The
118.3ct Magnificent Oval
Diamond, the largest
known flawless D-colour
Type Ila diamond sold for
US\$30.8 million or
US\$260k per carat, being
the highest price on record
for a white diamond sold at
auction
(South Africa - 2011)



13 November 2013: the 59.6ct Pink Star, the largest known flawless fancy-vivid pink diamond, sold for **US\$83 million** or **US\$1.4 million per carat**, being the highest price on record for a gemstone; bought by New York diamantaire Isaac Wolf, who will now rename it the Pink Dream (Africa – 1999; exact geographic origin not known)

#### **Iconic Gems from Iconic Mines**





The Greater Star of Africa Largest polished yield from the Cullinan at 530ct; sits in the Royal Sceptre Cullinan, 1905



The Cullinan Heritage 507.55 carats rough Cullinan, 2009







The Golden Jubilee 755.50ct rough, 545.65ct polished Cullinan, 1986



3,106 carats rough Largest gem diamond ever discovered Cullinan, 1905

The Oppenheimer 253.7ct rough Perfect yellow diamond Dutoitspan Mine, Kimberley U/G, 1964





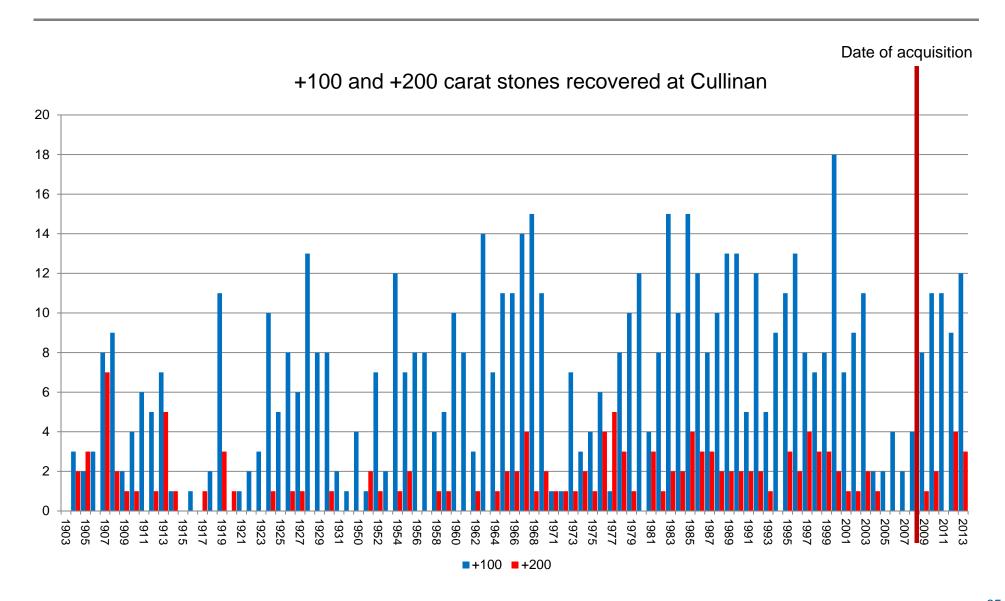
The Star of The Cullinan **Josephine** 26.6ct rough, 7.0ct polished Cullinan, 2009





# **Consistent Production of Specials**



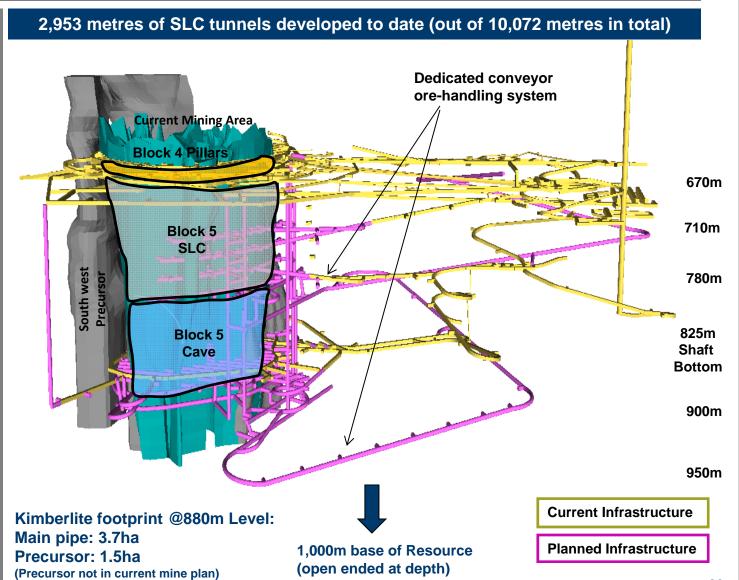


# Finsch – Development Programme



Expansion Plan – to take production to c.1.8 Mctpa by FY 2016 and c.2.0 Mctpa from FY 2017

- Mining currently taking place in Block 4 at 630m – FY 2014
- Development of SLC over 4 levels from 710m to 780m – FY 2014
- Dedicated conveyor orehandling infrastructure (to transfer SLC ore to existing infrastructure at 650m) – from FY 2016
- Decommissioning of Block 4 automated ore-handling system
   FY 2017
- First production from Block 5
   SLC FY 2015, ramping up to
   3.2 Mtpa FY 2017
- Pre 79 Tailings treated to FY 2016, then Post 79 Tailings treated to FY 2020
- Steady state production of 3.5
   Mtpa from Block 5 Cave at
   900m FY 2021

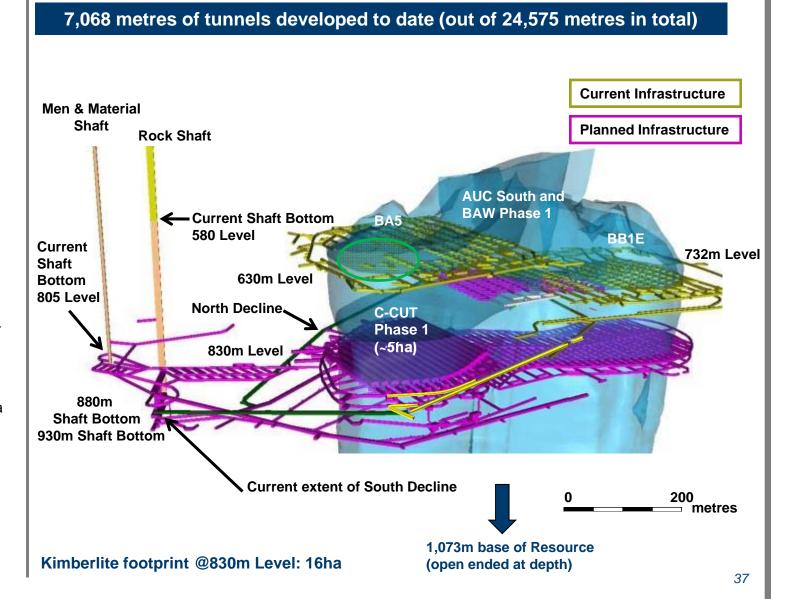


# **Cullinan – Development Programme**



Expansion Plan – to take production to c. 2.2 Mctpa by FY 2019 (2.0 Mctpa ROM & 0.2 Mctpa tailings)

- Commenced rehabilitation of BA5 areas at 645m to create access to undiluted ore – FY 2013
- Development of declines, access tunnels and shaft deepening on track – FY 2013
- Tailings ramp up to steady state 2.7 Mtpa – FY 2014
- New production levels to be established at 839m and shaft to 930m to be commissioned – end FY 2016
- 880m ore-handling system, allowing for future ramp-ups to utilise full C-Cut footprint (16ha vs current 5ha) – end FY 2016
- Initial production from new C-Cut cave – FY 2016
- Upgrading and streamlining of plant facilities in order to handle increased tonnes – from FY 2015 to FY 2019



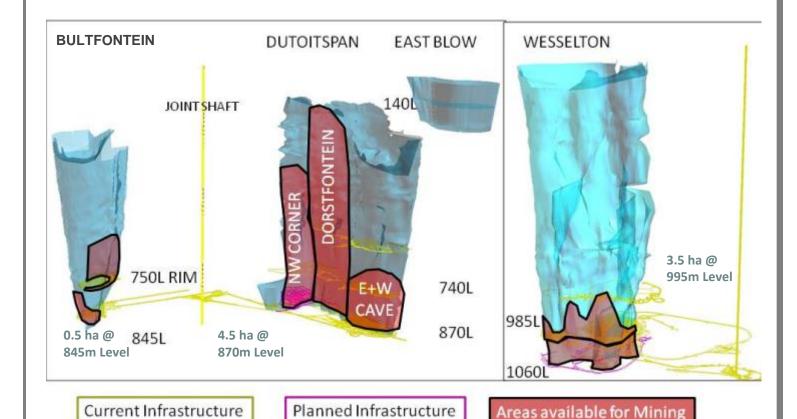
# Kimberley Underground – Development Programme



Expansion Plan – to maintain annual production of c. 130,000 ctpa

- Construction and commissioning of plants at both Joint Shaft and Wesselton Shaft – completed in FY 2013
- Substantial stockpile of ore built up at each plant (~0.5 Mt combined)
- Planned ROM tonnes of 800 Kt (FY 2014) and 900 Kt (FY 2015); plant throughput of 1.1 Mt (FY 2014/15) due to stockpile
- ROM tonnes of +1 Mtpa
   by FY 2016
- Sampling programme to extend mine life – underway

#### **Kimberley Underground Kimberlite Pipes Schematic**

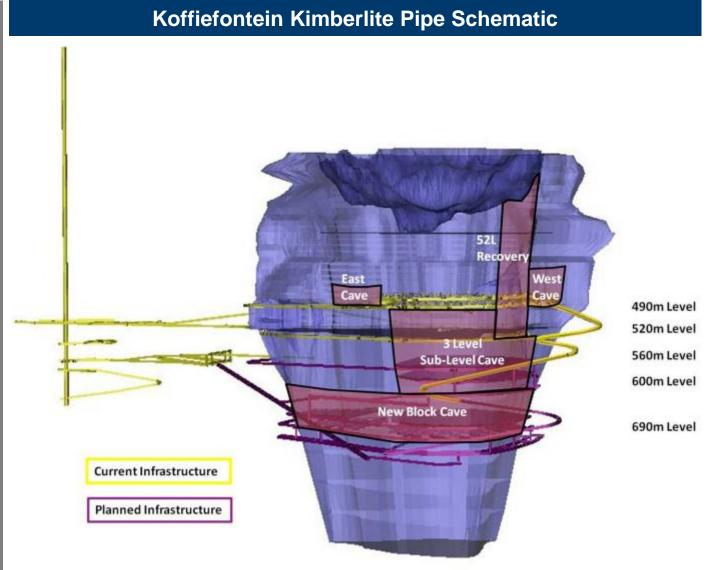


# Koffiefontein – Development Programme



Expansion Plan – to take production to c. 105,000 ctpa by FY 2017

- ROM production supplemented by ore from Ebenhaezer open pit (~5ha)
   FY 2014 to FY 2016
- Installation of SLC from 560m to 580m – FY 2014 to FY 2015
- SLC tunnel infrastructure underway and ore-handling conveyor installation in final commissioning – FY 2014
- Ramp up ROM production to 1.0 Mt by FY 2016 and 1.1 Mt by FY 2017



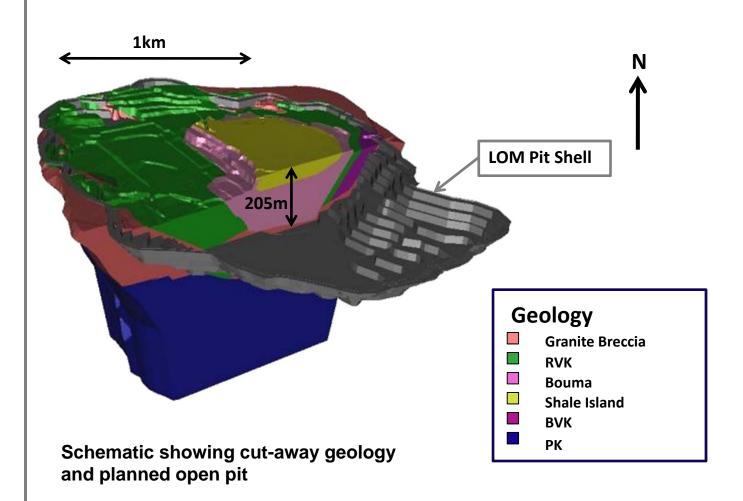
# Williamson – Development Programme



# Expansion Plan – to take production to c. 300,000 ctpa by FY 2017

- Production resumed further to the enhanced rebuild of plant – Q4 FY 2012
- Successful ramp-up of production to 2.7 Mt – FY 2013
- Re-crush circuit in plant, plus other plant design efficiencies, allowing for increased throughput – from FY 2014
- ROM stockpile (~550,000t containing +30,000 carats), established due to the pitshaping operations to be treated – up to FY 2016
- Ramp up of ROM production to c. 5 Mtpa (300,000 cts) by FY 2017
- Phase 2 longer term expansion plan to raise production above 5 Mtpa – under review

#### **Williamson Kimberlite Pipe Schematic**



#### **Debt Facilities**



- Nov 2012: new debt facilities put in place of ca. US\$213 million¹ with Absa, RMB (FNB) and IFC
- An increase and optimisation of Petra's prior debt structures (previously ca. US\$138 million)

Lender	Туре	Size	Interest Rate	Repayment
Absa & RMB (FNB)	Amortising term facility	US\$76.0	JIBAR + 4.0%	5 semi-annual payments from Mar 16
IFC	Amortising term facility	US\$35.0	LIBOR + 4.0%	5 semi-annual payments from Mar 16
Absa & RMB (FNB)	Revolving credit facility	US\$29.0	JIBAR + 5.5%	Repayable Sep 18
IFC	Revolving credit facility	US\$25.0	LIBOR + 5.5%	Repayable Sep 18
Absa & RMB (FNB)	Working capital facility and foreign exchange settlement lines	US\$48.0	SA Prime – 0.5%	Subject to annual renewal

IFC's involvement highlights the positive socio-economic impact Petra can have on its local communities

<sup>1.</sup> Utilising an exchange rate of US\$1:R10.445

# **Capex Profile**



	Financial Year	2013A	2014F	2015F	2016F	2017F	2018F	2019F
Operation								
Finsch	ROM tonnes treated (Mt)	2.6	2.8	2.9	3.2	3.2	3.2	3.2
	Tailings tonnes treated (Mt)	2.6	2.6	3.0	3.0	3.0	3.0	3.0
	Expansion Capex (ZARm)	296.1	512.3	422.2	346.9	467.9	403.0	354.3
	Sustaining Capex (ZARm)	93.7	132.7	115.3	76.7	74.3	73.1	71.8
Cullinan	ROM tonnes treated (Mt)	2.6	2.8	2.8	3.0	3.1	3.6	4.0
	Tailings tonnes treated (Mt)	1.5	2.7	2.7	2.7	2.7	2.7	2.7
	Expansion Capex (ZARm)	565.7	765.3	842.7	755.7	219.4	100.2	76.8
	Sustaining Capex (ZARm)	152.0	81.3	74.9	52.3	49.3	50.1	50.3
Koffiefontein	ROM tonnes treated (Mt)	0.2	0.3	0.7	1.0	1.1	1.1	1.1
	Surface tonnes treated (Mt)	1.2	1.2	0.7	0.3	-	-	-
	Expansion Capex (ZARm)	96.4	171.0	103.6	57.9	31.6	-	-
	Sustaining Capex (ZARm)	84.0	25.1	32.8	34.7	28.7	28.2	27.8
Kimberley	ROM tonnes treated (Mt)	0.8	1.1	1.1	1.1	1.2	1.3	1.3
	Expansion Capex (ZARm)	155.6	96.1	111.0	37.3	-	-	-
	Sustaining Capex (ZARm)	35.4	28.2	28.8	28.7	28.5	28.1	27.6
Helam	ROM tonnes treated (Mt)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Expansion Capex (ZARm)	-	-	-	-	-	-	-
	Sustaining Capex (ZARm)	15.2	9.8	10.1	10.0	10.0	9.9	9.8
PETRA	Expansion Capex (ZARm)	1 113.8	1 544.6	1 479.4	1 197.8	718.9	503.2	431.1
(SA Operations)	Sustaining Capex (ZARm)	380.3	277.0	261.9	202.5	190.9	189.4	187.3
Williamson	ROM tonnes treated (Mt)	2.7	3.6	4.0	4.5	5.0	5.0	5.0
(Tanzania)	Alluvial tonnes treated (Mt)	0.4	0.3	-	_	_	-	-
	Expansion Capex (USDm)	8.4	8.2	6.8	6.8	-	-	-
	Sustaining Capex (USDm)	3.3	5.9	5.8	6.0	6.2	5.0	4.9
PETRA	Total ROM tonnes treated (Mt)	9.1	10.7	11.6	13.0	13.7	14.3	14.7
(All Operations)	Total tailings/other tonnes treated (Mt)	5.7	6.8	6.4	6.0	5.7	5.7	5.7
	Total tonnes treated (Mt)	14.8	17.5	18.0	19.0	19.4	20.0	20.4

- 1. All Capex numbers are stated in FY 2014 money terms (except for FY 2013 actuals)
- 2. Depreciation on mining assets for FY 2014 guided at c. US\$45 million
- 3. As in prior guidance, capital estimates above do not include any capitalised borrowing costs; guidance is to assume 95% of borrowing costs are to be capitalised

# **South Africa and Tanzania**



	South Africa	Tanzania
Corporate tax	28%	30%
Diamond royalty	Formula based on profitability of mining operation; 0.5% up to 7% of turnover	5% of turnover
Rough diamond export levy	5%, certain exemptions apply; Petra sells all SA goods in Joburg	n/a
State Diamond Trader	Petra offers 10% of SA production to the SDT; Petra values the goods internally and then agrees market price with Government Diamond Valuator	n/a
Black economic empowerment	Petra's SA operations are all fully compliant with BEE legislation (26% ownership)	n/a
New Order Mining Rights	Petra holds new order mining rights for all its operations, excluding in relation to the Fissure Mines, where old order mining rights are held	n/a



# **Petra**Diamonds



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